Chemicals Postwar Report—Page 3

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

ABC

Volume 147 No. 19 SCHNELL PUBLISHING COMPANY, INC., PUBLISHERS May 7, 1945

LEAD FLUOSILICATE

The American Agricultural Chemical Company, for over 80 years, manufacturers of high quality products, now offers Lead Fluosilicate. Grade:—Technical. At present available only in small quantities for experimental investigation.

"AA QUALITY" CHEMICAL PRODUCTS

Monocalcium Phosphate	Bone Oil	Zinc Fluosilicate
Dicalcium Phosphate	Bone Black Pigments	Phosphorus (Red)
Disodium Phosphate	Sod. Acid Pyro Phosphate	Phosphorus (Yellow)
Trisodium Phosphate	Magnesium Fluosilicate	Phosphorus Pentasulfide
Carbonate of Ammonia	Gelatin	Phosphoric Acid, 85% U.S.P.

The AMERICAN AGRICULTURAL CHEMICAL Co.

50 Church Street, New York 7, N. Y.

33 Offices in Principal Cities in U. S., Cuba and Canada

BICHROMATE OF SODA
BICHROMATE OF POTASH
CHROMATE OF SODA

PRIOR CHEMICAL CORPORATION - NEW YORK

420 LEXINGTON AVENUE

Chicago Office: 230 N. Michigan Ave.

Selling Agents for

STANDARD CHROMATE DIVISION
Diamond Alkali Company, Painesville, Ohio

ACETIC ACID

PROMPT DELIVERIES

TANK CARS

CARBOYS BARRELS

WM. S. GRAY & CO.

342 MADISON AVENUE, NEW YORK 17

Cable Address: Graylime Phone: MUrray Hill 2-[illegible]

RECEIVED MAY 7 1945 THE CHEMISTS' CLUB LIBRARY

MONOETHYLAMINE
MONOBUTYLAMINE
MONOAMYLAMINE

SHARPLES CHEMICALS INC.

PHILADELPHIA CHICAGO NEW YORK

PURITY BY THE TON

That's what war industries are demanding in chemicals—and in large quantities. Baker, long experienced in making such chemicals, can meet your requirements for standard or custom-made specifications.

Baker's

J. T. BAKER CHEMICAL CO.

PHILLIPSBURG, N.J.

NEW YORK PHILADELPHIA CHICAGO

BORAX AND BORIC ACID

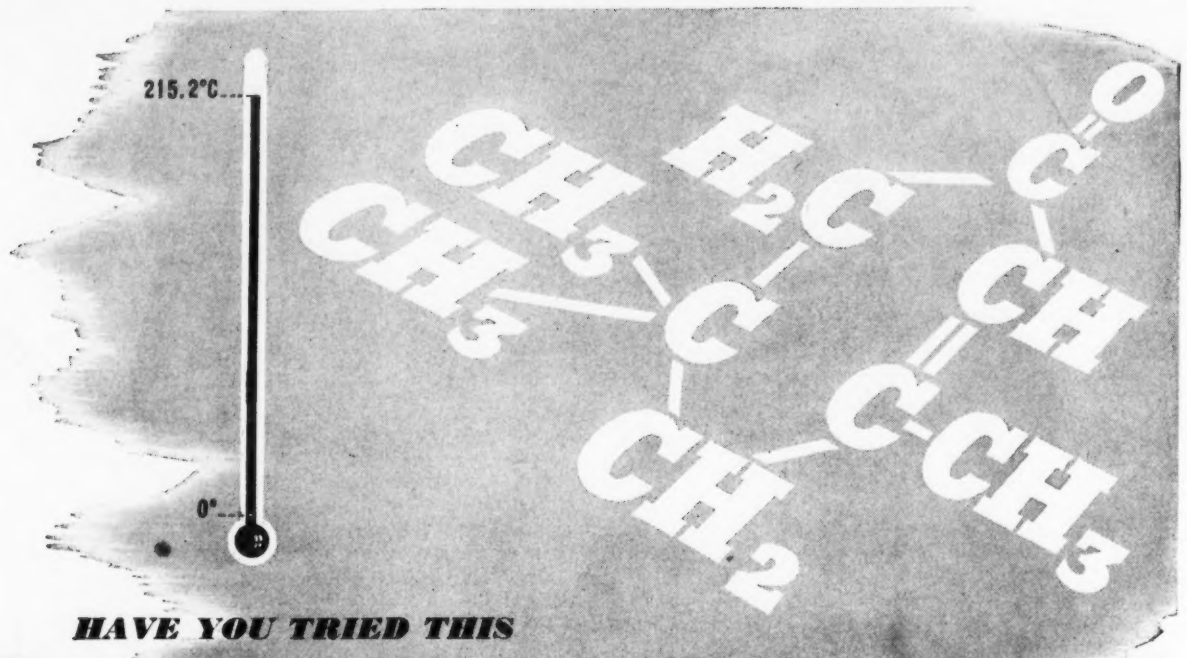
TECHNICAL • U.S.P. • SPECIAL QUALITY
CRYSTAL • GRANULATED • POWDERED
IMPALPABLE • ANHYDROUS

- Sodium Metaborate
- Ammonium Biborate
- Potassium Borate
- Ammonium Pentaborate

PACIFIC COAST BORAX COMPANY

51 MADISON AVENUE, NEW YORK 10, N. Y.

CHICAGO 16 • LOS ANGELES 14



HAVE YOU TRIED THIS

Powerful High-Boiling Solvent?

ISOPHORONE

has high solvent power for "Vinylite" resins, cellulose esters, nitrocellulose, and cellulose ethers.

Spreading Agent

An addition of five per cent of isophorone increases spreading and wetting power of aromatic hydrocarbons.

Improves Spray Coatings

Five per cent of isophorone in lacquer thinners markedly improves the flow-out of sprayed coatings.

Low Vapor Pressure

Permits the formulation of many novel and improved types of inks, stencil pastes, and roll-coating finishes.

6.2 Dilution Ratio

The nitrocellulose dilution ratio of this useful ketone is among the highest known—6.2 for toluene.

"Vinylite" is a registered trade-mark.

PROPERTIES

Boiling point . . . 215.2°C. at 760 mm.
Vapor pressure . . . 0.3 mm. at 20°C.
Solubility in water . . . 1.2% at 20°C.
Solubility of water in . . . 4.3% at 20°C.
Flash point . . . . . 205°F.
Specific gravity 0.9229

For further information and prices (lowered Jan. 1) write for the technical data sheet "Isophorone," Form 5897.

Other ketones supplied in commercial quantities include Acetone, Methyl Acetone, Methyl Isobutyl Ketone, Methyl Amyl Ketone, Acetonylacetone, Pentanedione (Acetyl Acetone), Mesityl Oxide, and Diacetone Alcohol.

BUY UNITED STATES WAR BONDS & STAMPS

CARBIDE AND CARBON CHEMICALS CORPORATION
Unit of Union Carbide and Carbon Corporation
UCC
30 East 42nd Street, New York 17, N. Y.

SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison — Published by Schnell Publishing Co., Inc.

Vol. 147 No. 19 — New York 7, N. Y. — May 7, 1945

RECEIVED MAY 7 1945 THE CHEMISTS' CLUB LIBRARY

Quinine to Repay Netherlands Lend-Lease

OPD Washington Bureau

Two new lend-lease agreements with the Netherlands government open the way for the United States to get necessary quantities of quinine, oil, rubber, and other products from the Dutch East Indies in return for supplies of United States materials essential to the prosecution of the war. The new agreements were announced by the Department of State April 30.

Joseph C. Grew, Acting Secretary of State, explained that the aid to be extended the Netherlands under the new agreements includes emergency deflooding equipment, chemicals, and fertilizers, especially adapted to restore production on land damaged by saltwater, textiles, and textile raw materials, food supplies, medical supplies, transportation equipment, lumber, and short-life equipment of an industrial first-aid nature for use in war production and transportation. No supplies have been included for postwar relief, postwar rehabilitation, or postwar reconstruction purposes.

Supplies to be made available by the United States will have a total value of $242,000,000. Among the items are $10,000,000 in petroleum; $13,000,00 in agricultural supplies and equipment, and $5,00,000 in medical supplies.

Economic Poison Parley In Los Angeles May 8

Officials of the Bureau of Chemistry of the California Department of Agriculture will meet with representatives of the economic poisons industry in Los Angeles May 8 and 9. A general invitation has been issued to the industry.

The purpose of the meeting is the consideration of the following and other phases of the economic poisons business:—

Adjuvants sold to users.
Antidotes.
Bee injury from economic poisons.
Brand-names—(1) Pre-emption; (2) clarification.
Citrus injury from economic poisons.
Cryolite dusts and other economic poisons dusts—(1) Simplification of grades of cryolite and other economic poisons; (2) nicotine dust nomenclature; (3) dust diluents; (4) fineness.
Custom mixtures.
DDT.
Gashouse sulphur.
Legislation.
Statistics.

The meeting will be held in room 711, I. W. Hellman building, 124 West Fourth street, Los Angeles. It will be opened at 9:30 a.m. May 8 and will be continued May 9 if necessary.

Vitamin D Patent Petitioned to High Court

OPD Washington Bureau

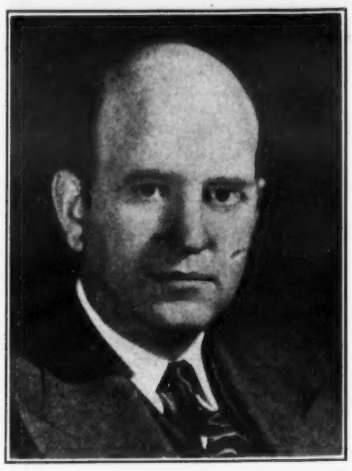
Review of the invalidation of the Steebock patents on vitamin D has been asked of the Supreme Court of the United States by the Wisconsin Alumni Research Foundation. No action has yet been taken on the petition by the court.

The petitioning Foundation asked the court to pass on half a dozen questions, arising from the decision of the United States Circuit Court of Appeals for the Ninth Circuit, which invalidated the Steenbock claims respecting "ultraviolet rays, such as produced by a quartz mercury-vapor lamp."

Importers Council Elects Officers

William H. Schille, of the Biddle Purchasing Company, has been elected president of the National Council of American Importers, Inc. Morris S. Rosenthal, of Stein, Hall & Co., has been elected first vice-president and Henry Simpson, of Brooks Brothers, has been made third vice-president.

Monsanto Vice-Pres.



Dr. Charles Allen Thomas has been elected a vice-president of the Monsanto Chemical Company, St. Louis. He will become a member of the executive committee September 1. He is director of Monsanto's Central Research Laboratories at Dayton, Ohio. He has been a director since 1942.

Alcohol Requirements Estimated for 1945

OPD Washington Bureau

The 1945 requirement of 190-proof alcohol has been estimated at 638,000,000 gallons, it was disclosed at a meeting of the Industrial Alcohol Producers Industry Advisory Committee, the War Production Board has reported.

The 1944 requirements totaled 606,000,000 gallons compared with 428,000,000 gallons in 1943 and 229,000,000 in 1942. The categorical requirements were broken down into direct military and lend-lease; synthetic rubber; indirect military and civilian, and antifreeze.

Although the newly estimated requirements of alcohol for the war program are similar in most respects to the estimates presented to the committee last month, the synthetic rubber requirement for 1945 has dropped from 353,000,000 to 343,000,000 gallons. This was said to be due to the anticipated economies at the alcohol-butadiene plants, rather than to any cuts in the rubber program.

Government stocks of alcohol were 81,000,000 gallons at the end of 1944, WPB said. Stocks at the end of 1945, according to present estimates, will drop to about 36,000,000 gallons.

Maverick Renominated SWPC Chairman

OPD Washington Bureau

President Truman has renominated Maury Maverick of Texas for another term as chairman of the Smaller War Plants Corporation. President Truman also sent to the Senate these directors of the corporation:—Patrick W. McDonough of California; James T. Howington of Kentucky; Lawrence F. Arnold of Illinois, and C. Edward Rowe of Massachusetts. McDonough and Howington are now serving as directors.

USP Standards Revised

Changes made in the monographs of the twelfth revision of the United States Pharmacopeia, effective now and enforceable from October 1, affect halibut-liver oil and isotonic solutions of chlorides.

The permissible amount of unsaponifiable matter in halibut-liver oil is raised so as to admit oils of higher potency.

In the isotonic solutions of sodium chloride and of three chlorides, the tolerance, or permissible range, of the sodium chloride content has been widened, the official limits having been found unnecessarily narrow.

Chemicals Postwar Imports Forecasted by Tariff Board

OPD Washington Bureau

The United States Tariff Commission reported to the senate finance committee this week that postwar production of chemicals, oils, and paints, which are now subject to import taxes and duties, will exceed that of 1939 by more than 60 percent, even should there be no change in national income levels from those of 1939. Should national income in the postwar period be 75 percent greater than that of 1939, production of these items could be expected to be more than double that of 1939.

The forecast was made by the commission in a 277-page mimeographed report submitted in response to the Brewster resolution (S.Res. 341) which will be used by the senate committee during its consideration later this year of the administration's proposal for extending and broadening the tariff-bargaining powers of the reciprocal trade agreements act, now the subject of hearings before the house ways and means committee. The report presents forecasts on future imports and production of all items imported in 1939 having a value in excess of $100,000.

Separate estimates are provided on the basis of the national income's remaining at the 1939 level in the postwar period with duties lowered 50 percent from the levels of 1939 or increased 50 percent from that level; also on the basis of the national income's rising 75 percent and with duties increased or lowered by 50 percent from the 1939 levels. A 10 percent margin of error should be allowed for the items, other than fats and oils, included in the report, the commission said. In the case of fats and oils, the margin of error probably is about 5 percent.

The items in the chemical field are divided into four groups:—(1) Chemicals, oils, and paints dutiable under schedule 1 or subject to import excise taxes (except fats and oils); (2) mixed groups of chemicals and related items partly free and partly dutiable (except fats and oils); (3) free chemicals and related products (except fats and oils); (4) fats and oils and oil-bearing materials, partly free and partly dutiable or taxable.

Trend of Dutiable Items

Group (1) shows that 1939 production of these items for the domestic market amounted in value to $2,774,400,000, and imports were valued at $40,000,000. With national income and duties remaining unchanged from the 1939 levels, expectable production in

—Continued on page 56

FTC Says Reece Bill Not in Public Interest

OPD Washington Bureau

The Reece bill (HR 2390) to amend the Federal Trade Commission act in several important partciulars was characterized by the commission, May 2, as unnecessary and unwise and not in the public interest. The bill particularly would limit the authority of the commission over advertising and labeling of foods, drugs, and cosmetics and would broaden the power of courts to go into the evidence on which the commission's cease and desist orders are based.

In a report to the house interstate and foreign commerce committee, which has the legislation under consideration, the commission could find nothing in the bill that would warrant enactment by Congress. On the contrary, it contended that the measure, if written into law, would seriously weaken the authority now being exercised for the protection of the health of the consuming public. Representative Carrol B. Reece of Tennessee, sponsor of the bill, said that he was not surprised at the position taken by the commission, and declared that it would not deter him in his efforts to press for the legislation. The function of Congress is to legislate for all the people and not for a few groups, he said.

The bill would make two important changes in the existing law in the matter of review of FTC orders by the courts. First, to change the statute's present provision so that the commission's findings as to the facts shall be conclusive only "if supported by the preponderance of the evidence." Second, the bill would authorize the reviewing court to make any such modification of an order of the commission as in the court's judgment "the circumstances of the case require." The commission described these two provisions as "both unnecessary and inadvisable."

United Nation Parley On Petroleum Started

OPD Washington Bureau

Three officials of the Petroleum Administration for War have arrived in London to represent PAW at a month-long session of the United Nations Petroleum Supply Program meeting, which opened May 1, Deputy Petroleum Administrator Ralph K. Davies has announced.

The PAW officials are Jerry A. Cogan, associate director of the Program Division of PAW; C. Marvin Case, chief of the operations section of the Foreign Refining Divisions of PAW, and Frank P. Donohue, chief of the foreign production section of the Foreign Production Division of PAW. They will be joined later by Howard W. Page, director of the Program Division.

General License Rule Revised by FEA

OPD Washington Bureau

Foreign Economic Administration has made a number of changes in general licenses. The changes effective May 5 cover inedible animal products, naval stores, petroleum products, non-metallic minerals, industrial chemicals, chemical specialties, coaltar products, medicinal and pharmaceutical preparations.

Chemical Conference Scheduled in Canada

The Chemical Institute of Canada will hold its first conference June 4 to 6 in the Chateau Frontenac, Quebec. The institute is a new organization which combines the aims and activities of most of the previously existing chemical groups in Canada.

One feature of the conference will be in celebration of the twenty-fifth anniversary of the opening of the chemical department of Laval University. Technical sessions are planned on agricultural chemistry and nutrition, on biological, pure and textile chemistry, on chemical engineering and chemical education, and on plastics, protective coatings, and rubber.

An international symposium will be conducted on "Coordination of Chemical Research and the National Welfare."

Mentholene Approved As Alcohol Denaturant

OPD Washington Bureau

Use of mentholene as a replacement for menthol as an alcohol denaturant has been approved by the Bureau of Internal Revenue, it was announced by officials April 25.

Because of the shortage of menthol, it has been necessary to find substitutes for denaturing alcohol and tests made of the use of mentholene for this purpose have shown it to be an acceptable substitute, it was stated.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

May 4, 1945	Apr. 27, 1945	May 5, 1944
132.6	**132.4**	**138.2**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

The upgoing price trend was continued through last week in the markets for chemicals, oils, and drugs. The weight of changes in views was on that side, but their significance was more marked on the other, by reason of reductions in butyl solvents, menthol, gum turpentine, and penicillin.

The collapse of formal nazi resistance had no perceptible reflection in market activities or indicators. The easing of some WPB controls, likewise, caused no ripples on the surface of conditions; underneath, they did not get beyond the stage of possibilities.

Spring having turned backward, seasonal stimuli were dulled.

Benzyl Benzoate and Chloride Allocated

OPD Washington Bureau

The War Production Board has ordered benzyl benzoate and benzyl chloride placed under allocation control in order to assure the military adequate supplies of the materials to meet the needs of a new program for protection of the fighting forces in the Pacific war theatre against the typhus germ. Allocations of the materials will begin June 1.

The army is said to be planning to use benzyl benzoate in unprecedented quantities as a replacement for dimethyl phthalate in the treatment of soldiers' clothes against the dangers of the scrub typhus mite. Benzyl benzoate has been found under testing to be equally as effective as dimethyl phthalate as a killer of this mite; at the same time it has a lasting quality unequalled by the latter. Whereas the phthalate will wash out at the first wetting of the clothing, benzyl benzoate will retain its mite-killing qualities for a period of two weeks under normal washing of the clothing.

The army is said to be entering into contracts with practically all firms producing benzyl benzoate; while the War Production Board is working on a program to expand production still further. In keeping with security regulations the exact amount to be required by the army cannot be divulged, but it can be said to run up into the millions of pounds.

WPB officials said that they cannot indicate at this time what civilian enduses of benzyl benzoate will be allowed and will not know until suppliers have submitted their applications on the regular authorization form, WPB-2947, for permission to make deliveries. These forms must be filed by the twentieth day of the month preceding the month of delivery. Allocations will be made on a monthly basis. The small order exemption without use certificate is 100 pounds of benzyl benzoate and 100 pounds of benzyl chloride per person per month.

Bids Wanted

Acetone, Commercial: — 6,000 pounds, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7855, opening May 10.

Caustic Soda: — 5,000 pounds, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7855, opening May 10.

Chemicals, Miscellaneous:—Office of the Commissioner of Purchases and Supplies, City Hall, Cleveland; ordinance No. 137-45, opening May 11.

Linseed Oil, Raw:—77,500 pounds, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7856, opening May 12.

Starch Laundry:—2,000 pounds, Purchasing Agent, District Government, Washington (4); schedule 6899, opening May 7.

Turpentine: — 8,000 gallons, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7856, opening May 12.

White Lead in Oil:—11,400 pounds, Procurement Division, Treasury Department, Washington (25); invitation 58-32823, opening May 10.

Paint Production Clubs News

L. J. Venuto of the Binney & Smith Company discussed "Recent Studies on Carbon Black" before the April meeting of the Baltimore Paint and Varnish Production Club.

The committee on by-laws of the club has been instructed to add a new type of membership which would provide for admittance of those connected with scientific institutions or raw material manufacturers primarily engaged in technical work pertaining to protective coatings.

Francis Schofield, of the Institute of Paint and Varnish Research, chairman of the technical committee, reported that the committee has under consideration a study of the measurements of grind fineness as well as a study and the cost accounting in the production of paints.

C-D-I-C

Cincinnati-Dayton-Indianapolis-Columbus Paint and Varnish Production Club at its April meeting received a slate of candidates for office to be voted upon at the May meeting. The nominees are:—

President, W. C. Kentner, of the Dean & Barry Company, and E. E. McSweeney, of the Battelle Memorial Institute; vice-president, John Gansman, of the Indianapolis Paint & Color Company, and J. L. Thornbury, of the Hilton-Davis Company; secretary, George Selden, of Ault-Wiborg, and C. J. Tracy, of the Hanna Paint Company; treasurer, Ralph Seedorf, of Carthage Mills, and Fred Petke, of the Hilton-Davis Company.

Golden Gate

The Golden Gate Paint and Varnish Production Club's March meeting was addressed by Or. Alexander Schwarcman, of Spencer Kellogg & Sons, Inc., on "The March of Science." Dr. Schwarcman presented a brief history of research and disapproved the common belief that research does not pay. He also presented the modern trend in research with regards to oils touching on coconut oil, palm oil, tung oil, soybean and castor oil.

Los Angeles

The March meeting of the Los Angeles Paint and Varnish Production Club was addressed by Lt. H. L. Bottemiller, of the protective coating section of Research and Standards Branch of the Bureau of Ships, who spoke on "Painting the Fleet." His talk covered the navy's hot plastic anti-fouling paint, fire retardant paint, and the interior drinking water paint. He also pointed out that one of the biggest problems of the navy will be painting of inactive ships after the war.

Louisville

Dr. R. C. Ernst, of the University of Louisville, spoke on "Research in Indutry" before thirty-seven members and guests of the Louisville Paint and Varnish Production Club, at its recent monthly meeting, and also announced the formation of the University of Louisville Non-Profit Corporation for private research into and for industry.

Northwestern

The April meeting of the Northwestern Paint and Varnish Production Club was informed by Lowell Wood, chairman of the technical committee, that the club paper this year would evaluate a new method of testing iron oxide pigments developed by T. J. Skotnicki of the Minnesota Mining & Manufacturing Company. It was suggested, Mr. Wood said, that the method be tried out for testing other colors besides iron oxide.

Philadelphia

The Philadelphia Paint and Varnish Production Club was addressed at its March meeting by Dr. Shutt of The Glidden Company who discussed Micalith G, a new pigment which is a muscovite mica. Dr. Shutt said that the product exhibits properties not generally expected of a mica pigment.

Toronto

Toronto Paint and Varnish Production Club April meeting was addressed by H. W. Temple of the Ontario Department of Education. He discussed the job instructors training courses and job relation training courses.

Phthalic Anhydride Plants Nearly Ready

OPD Washington Bureau

After the newly approved plants and plant expansions realize maximum production capacity, the anticipated annual output of phthalic anhydride will be approximately 190,000,000 pounds, War Production Board officials told the members of the Phthalic Anhydride Industry Advisory Committee at a recent meeting.

Three plants nearest to completion are that of the Standard Oil Company of California, Richmond, Cal., expected to start production in June; the Koppers Company plant in Pittsburgh, expected to start in July; and the plants of the Pittsburgh Coke & Chemical Company, expected to start in August. It is expected that each plant will have a production capacity of between 7,000,000 pounds and 8,000,000 pounds, WPB said.

The most recently approved plant, that of the Barrett Division of the Allied Chemical & Dye Corporation at Ironton, Ohio, will have an annual production of approximately 10,000,000 pounds, and is expected to be completed early in 1946, WPB told the committee.

Additional equipment to bring in an annual production of 4,500,000 pounds in each plant has been approved for the American Cyanamid & Chemical Corporation plant at Bridgeville, Pa., and for the Monsanto Chemical Company, at St. Louis, the committee was told.

This represents the total of new plants and expansions approved to date, WPB said.

Phthalic anhydride production in the first quarter of 1945 was approximately 32,000,000 pounds. It is scheduled to rise continuously until the second quarter of 1946 when it reaches 47,000,000 pounds.

WPB also reported that crude naphthalene production for the first quarter of 1945 was 64,000,000 pounds. Production of this material will rise to meet 83,500,00 pounds by the second quarter of 1946, according to the WPB program.

Paint Test Valuing Outlined to N.Y. Club

A system of integrating and correlating data observable in exposure tests of paints and other coatings for the evolution of different coatings was outlined by Dr. E. W. McMullen, technical director for the Eagle-Picher Company, in an address with charts and other slides to the New York Paint and Varnish Production Club, at its annual meeting, May 3. Dr. McMullen has devised a "nomagraph," a sort of chart on which the variables of paint failures are reduced to a common denominator which denotes the value of the paint. Its development was based on exposure tests of more than 350 paints on some 4,000 panels in the Eagle-Picher test fence.

The ten variables of paint failure—checking, cracking, peeling, scaling, flaking, chalking, erosion, color change, dirt retention and mildew—are rated at intervals with scalings of from 10 to 0 as they increase. The first seven variables are regarded as indexes of protective value, but chalking is grouped with the last three as indexes of decorative or ap-

—Continued on page 43

Devoe & Raynolds Buys Truscon Laboratories

Devoe & Raynolds Company, paint manufacturer, New York, has acquired Truscon Laboratories, specialists in water and dampproofing products, Detroit, Mich. R. A. Plumb, president of Truscon Laboratories, as well as other officers will maintain their posts in the Truscon division of Devoe & Raynolds.

Fair Trade Council Names Executive Vice-President

American Fair Trade Council has appointed Dr. Gary Leslie executive vice-president in charge of the activities of the organization.

Oil, Paint and Drug Reporter, Vol. 147, No. 19, May 7, 1945. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1945, by Schnell Publishing Company, Inc.

Table of Contents

News and Statistics

Alcohol Requirements: 1945 3
Ammonia Solutions Tight 5
Apex Chem. United Kingdom Agent .. 38
Argentina Raises Flaxseed Prices 51
Assoc. Hospital Service Anniv 58
Barean in New Quarters 66
Benzyl Benzoate Allocated 4
Borden Buys Straub Pharmaceutical . 58
Calcium Metal Order Revoked 37
Chem. Conference Set in Canada 3
Chemical Consultants 4
Chemicals Postwar Imports Forecast . 3
Chilson Opens Scarsdale Office 66
Cities Service Erecting Toluene Plant . 67
Clorox Chemical Names Walford 41
Colgate Aid Heads Credit Men 58
Columbia Carbon Expanding 48
Consumers Import Moves 58
Corn Products Transfers Adam 38
Cummings Now Colonel 41
Deahl Advanced by Cheplin 40
Devoe Buys Truscon 4
Diamond Alkali Sells Chlor-Paraffin . 40
Dicarbitol Phthalate Now Allocated ... 5
Dichlorodifluoromethane Order Killed . 37
DPC Butadiene L.A. Plant Damaged . 40
DuPont Cartel Case Postponed 58
Economic Poison Parley in L.A 3
Fair Trade Council Executive V.-P. 66
Fergusson Names Blessing 40
Finkensieper Returns to P&V 64
Fischer & Co. Names Harris Pres 40
French Company Officers Elected 64
Fuel Oil Sales Gain 67
Gartenberg & Co. Gets "A" 56
General License Rule Revised 3
Hiebert in Charge of Stearns Div 58
Hines in Cellophane Post 66
Importers Council Elects 3
Long Farm Engineers Head 66
Low-Prices Soap Ceilings Adjusted ... 5
Margarin Production: Feb 51
Maverick Renominated 3
Medical Art on Exhibition 58
Mentholene Approved as Denaturant . 3
Mines Bureau Names Merrill 41
Montana Joins Oil Compact Com 58
MRO Chemicals Ratings Revised 5
N. Y. Laboratory Supply Buys Bldg .. 41
Nickel Consumers Take Oxides 37
Paint Testing 4
Pacific Chemical Names Phillips 38
Paint Clubs News 4
Phenol Resins M-Order Revised 5
Photo. Equip. Orders Must Be Filed .. 5
Phthalic Anhydride Plants 4
Prentiss Buys N. J. Buildings 64
Quinine to Repay Lend-Lease 3
Reece Bill Not in Public Interest 3
Resins Need Heavy After VE-Day 5
Schott Forms Company 43
Techter Succeeds Haskell 38
Thompson Monsanto V.-P 3
United Drug Co. Now United-Rexall .. 54
United Nation Pet. Parlay Started ... 3
USP Standards Revised 3
Van Pelt Joins Battelle 38
Vitamin D Patent to High Court 3
Wilson of WPB to Join Baker 5
WPB Advisers to Meet 4
Zinc Institute Elects Officers 48

General Features

Bids Wanted 60
Current Market Quotations 9
Editorials 34
Imports ..... —
Industrial Chemical Uses 7
Obituaries ..... —
OPD Price Index 4
Professional Services 71
Trade Briefs 38

Market Reports

Agricultural Chemicals 49
Botanical Drugs, Spices, Gums 63
Coaltar Chemicals 42
Drugs and Fine Chemicals 53
Essential Oils, Other Aromatics 65
Fertilizer Materials (see Agric. Chem.)
Heavy Chemicals 37
Oils, Fats and Waxes 50
Petroleum Derivatives 67
Protective Coatings Materials 44
Textile and Leather Chemicals 61

Chemical Testimony Assayed by Consultants

The science of expert testimony can be taught, but the art each witness must learn for himself, said Albert P. Sachs, chairman of the Association of Consulting Chemists and Chemical Engineers, in opening the symposium on "The Consultant as an Expert Witness," April 30 in New York. Mr. Sachs also pointed out that judges come to a keen understanding of ex-

—Continued on page 54

WPB Advisers to Meet

OPD Washington Bureau

Industry advisory committee meetings have been tentatively scheduled by the Chemical Bureau of the War Production Board for the following dates:—

Cellulose acetate molding powder and sheeting producers, May 7.

Coaltar distilling, May 16.

Dyestuff manufacturers, May 16.

Marine paint manufacturers, May 17.

Rubber accelerator and antioxidant industry, May 9.

Resins Requirements Heavy After V-E Day

OPD Washington Bureau

Although army requirements for alkyd resins may show a slight decrease after V-E Day, navy requirements for the resins for use in the Pacific area will be much heavier, representatives of the military told the Alkyd Resins Industry Advisory Committee at a recent meeting, the War Production Board has reported.

As the Pacific war theatre expands, a greater quantity of specialized types of protective coatings will be necessary for military equipment, due to the high humidity of the jungle areas in the Far East, they explained. WPB officials pointed out that this may be an important factor in reconversion plans after V-E Day, inasmuch as it will limit the quantity of alkyd resins available for protective coatings for automobiles, refrigerators, washing machines and similar consumers' durable goods requiring such finishes.

Phthalic anhydride, used in the production of alkyd resins, is one of the most critical raw materials in the war production program, the committee was told. While an increase in phthalic anhydride production is expected in the coming months, the additional output will be reserved for the production of dibutyl phthalate for smokeless powder and dimethyl phthalate, used in the manufacture of insect repellents, WPB said. Monthly allocations of phthalic anhydride to the resin industry will probably continue at the current level for the remainder of the year, WPB added.

Low-Priced Soap Ceilings Adjusted

OPD Washington Bureau

Manufacturers of low-priced household soaps and cleansers who are suffering hardship may apply for increases in their present ceiling prices under an individual adjustment provision announced by the Office of Price Administration. The new adjustment provision is effective April 30.

Uniform dollar-and-cent ceiling prices for sales by manufacturers of certain brands of household soaps and cleansers have until now remained unchanged since they were established on May 24, 1943. Also covered by the regulation are unlisted brands, the ceilings for which are currently determined by the highest price charged a particular class of purchaser in January, 1943, or June, 1944. If no sales or deliveries were made at either time, ceiling prices are determined upon application to OPA. The amendment lists the information that must be submitted to OPA with requests for adjustment of ceiling prices.

Photographic Equipment Orders Must Be Filed

OPD Washington Bureau

All orders for new restricted photographic equipment and accessories authorized for delivery by the War Production Board on form WPB-1319 and accepted by manufacturers are to be filled according to the preference rating assigned on the form or, if no rating is indicated on the form, as if they were rated AA-5, WPB explained in Interpretation 1 to Limitation Order L-267.

This applies to orders for which the purchaser will pay $500 or less, as well as to orders for more than $500 worth of photographic equipment or accessories, even though L-267, as amended March 14, 1945, requires manufacturers to obtain specific WPB authorization (on form WPB-1319) only to fill orders for more than $500.

Wilson Quits WPB To Join Baker & Co.

The resignation of Philip D. Wilson, New York, special assistant to the chairman of the War Production Board and until recently vice-chairman for metals and minerals, has been announced today by J. A. Krug, WPB chairman. Mr. Wilson resigned to become assistant to the president of Baker & Co., refiners of precious metals, with offices in New York and Newark, N. J. Before his appointment as vice-chairman, Mr. Wilson was director of WPB's aluminum and magnesium division, with which he served since July, 1941.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The administration's fight for extended and expanded tariff bargaining authority under the reciprocal trade agreements act is entering its more important stage before the house ways and means committee, and it seems to be a toss up whether it will get all that it asks for from the committee. If anything, the odds at this moment appear to favor the opponents.

The ways and means committee is one of the largest committees of the house, composed of twenty-five members, of which fifteen are Democrats and ten Republicans. A switch of only three Democrats to the Republican opposition to the program would be enough to stop the bill and throw the entire program out the window.

No one expects that this will occur, however. In spite of all the ranting of the Republicans as to how the program has not proved its worth and has hurt some industries, even they are not willing in the majority to see the program defeated completely. What is most likely to happen is that sufficient numbers of the Democrats will join the Republicans in favor of a simple continuing resolution for one or two years. The requested authority for another 50 percent cut in tariffs in that event would be put over until the time when the law comes up for renewal again.

Sugar and Alcohol Short

Although the clearing warclouds mean an easing of the problems that have been facing many other industries, in the case of drug manufacturers the ending of the war in Europe will have no effect whatsoever on supplies of two of their most important products—sugar and alcohol. The situation in both of these products has worsened as the warclouds have cleared.

The root of the problem is the fact that Cuba's sugar crop this season did not come up to expectations, due to a drought. As a result there is less molasses available for making alcohol while requirements for alcohol are above those of 1944, and less sugar for home consumption, for canning, and for industrial uses.

The alcohol situation has WPB officials concerned again. Not only do they see no chance for another whiskey holiday this year, but they are discussing the advisability of increasing industrial alcohol production capacity in order to meet requirements. Drug manufacturers now are limited to 120 percent of their base-year use in sugar consumption, and there is talk of cutting this back another 5 percent or 10 percent.

Buying on Tick

Reports received by the Federal Reserve Board indicate that a slight boom may be developing in consumer credit in spite of the restrictions in force by that agency against time purchases and other forms of indebtedness. At the end of March the people had run up a total of $5,588,000,000 in store bills, installment loans, and various types of charge accounts, an increase of nearly 11 percent over the level of a year ago.

Much of the increase was due to the fact that Easter came early this year, and therefore may be considered a seasonal rise; but, even so, it was a larger seasonal rise than was expected in view of the increases that have taken place in consumer incomes. Either prices have risen more than the index levels would indicate thus forcing a large percentage of the public to go in hock for the things they need, or people are spending their cash for other things.

Charge accounts outstanding showed the biggest rise of any during March, amounting to 22 percent more than those of March a year ago. Repair and modernization loans outstanding also showed a gain of 14 percent; while installment loans were up 8 percent. Even installment sale credit on automobiles was up slightly although the supply of automobiles for sale is down considerably from last year.

Favors for Small Business

The house committee investigating small business is working on a tax program that would have far-reaching effects if it can be enacted before the end of the war and before the repeal of the excess profits tax. The idea behind it is to provide small business with a substantial monetary cushion to take up the shock of sudden termination of government work while it is getting back into peacetime production.

Under the existing excess profits tax all taxpayers are provided with an automatic exemption of $10,000 before the excess profits taxes begin to apply. The house committee is proposing that this exemption be raised to $50,000 and that it be provided in the law now. The difficulty of enacting such a provision into law at this time, however, is the fact that the ways and means committee, which has exclusive jurisdiction over tax legislation, is tied up with the tariff bargaining hearings and will not get around to tax problems until later in the year, if then.

The proposed recommendation of the committee is but one indication of how small-business minded Congress is becoming. What is more apparent on this point is the large number of little-business bills that have been introduced. Close to a hundred or more have been dropped in the hoppers of both the senate and house this year already.

Interior Department Relief

Should a strong wind become noticeable from the direction of Washington a few weeks hence, it will be traceable to the sigh of relief that Secretary Ickes will heave marking the departure of Representative Jed Johnson of Oklahoma from the Capitol.

For the past several years Ickes and Johnson have been at each others throats over some little incident that history no longer records. Every year the representative has been venting his wrath on the secretary by using an axe, rather than a pruning-knife, on the Interior department's appropriations—and being chairman of the subcommittee in charge of the bill, he has been in position to do just that and make his decisions stick.

This year was no exception. Johnson answered Ickes's request for $141,346,047 for fiscal 1946 with a cut of $38,743,419, a bigger percentage cut than any other department has yet encountered. Among the items slashed was a $7,000,000 fund to begin construction of the synthetic liquid fuels demonstration plants. This may go back in the bill when it is taken up in the senate, but Johnson is going to fight restoration of any other cuts.

Johnson is leaving Washington when the bill is finally disposed of to take over a judgeship appointment handed him a while back by President Roosevelt. Ickes denies it; but it is strongly rumored that he had a lot to do with the appointment.

MRO Chemicals Ratings Revised

The War Production Board has announced that owing to the fact that the supply of certain materials is controlled by peculiar factors including their interchangability and their use both as production materials and for MRO (maintenance, repair and operating supplies), it is necessary to provide special rules for the use of ratings in getting these materials.

The purpose of this direction No. 5 to priorities regulation is to prohibit the use of AA-1 and AA-2 blanket MRO ratings for many chemicals, and to substitute in the place of these ratings, the use of production materials ratings. Where no production materials ratings are available, this direction assigns ratings which may be used in place of AA-1 and AA-2 blanket MRO ratings.

Ammonia Solutions In Tight Supply

Heavy demands of the military for ammonia in the war program has made it impossible to allocate any supplies of solutions to the fertilizer industry during May and the same situation may prevail in June unless there is a cutback in the military needs.

The month of May is described by officials as the worst of any month insofar as supplies of ammonia solutions for the fertilizer manufacturers are concerned. Whereas normally there are about 250 cars of the material available to the industry, not even one car was available this month. Part of the shortage is attributable to the breakdown of the synthetic nitrogen plant at Lake Charles, but even though it has since been restored to operation supplies still were not sufficient to meet more than the military demands and other more essential uses.

Meanwhile, however, it was learned that shipments of Chilean nitrates to this country can be expected to reach the 1,000,000 ton mark by the end of the fertilizer year, which is about 200,000 tons more than had originally been given a ship space guarantee by the War Shipping Administration.

This excess has made it possible for the WPB to offer additional limited quantities of nitrate of soda to fertilizer manufacturers east of the Rocky Mountains for June shipment, to be made available to those areas which can profitably use it at that time. This is principally the West and Northern farming areas. June shipment is too late for many sections, and most of the tonoage in question will not become available until the latter half of June.

In a letter to fertilizer manufacturers sent out this week by the WPB, those desiring to obtain additional supplies of the soda were urged to place orders with their suppliers by May 20, covering their requirements for June by States. The suppliers in turn are to submit the requirements to the Nitrogen Unit for consideration. Approval in each case will depend on stocks available for the State specified, considering freight rates.

The letter also stated that the above will also apply to Cal-Nitro in those sections customarily served with that material, if production exceeds the allocations which have been approved. The WPB called particular attention to the fact that producers are required to complete shipping May allocations before commencing shipments against the requested June allocations.

Resins M-Order Revised On Tertiary Butyl Phenols

All resins containing paratertiary butyl phenol are classified as coating resin A under an amendment to schedule 87 of the order M-300. Formerly only those resins containing 10 percent or more of paratertiary butyl phenol were included in coating resin A, while resins containing up to 10 percent of this material were included in coating resin B. Paratertiaryaml phenol was moved from coating resin B to coating resin A because of heavy military demands.

In view of increased requirements by the military for resorcinol resins, these resins have been placed under control of schedule 87. Resorcinol resins are used chiefly as an adhesive for heavy duty truck tires, gliders, cable and combat aircraft, and in the production of military dyes.

Dicarbitol Phthalate Under Allocation

Producers requesting allocations of phosphate and phthalate plasticizers for insulation of wire and wire cable are now required to specify the type of wire for which the material is required, the War Production Board has reported. This is in line with amendments to schedule 61 and schedule 63 of order M-300, the general chemicals allocation order.

At the same time dicarbitol phthalate was placed under the control of schedule 63 of M-300. The initial allocation date for the newly allocated phthalate plasticizer is June 1. WPB explained the plasticizers are in tight supply due to a shortage of phthalic anhydride, an essential raw material.

When to recommend LACQUER

for SPEED . . .

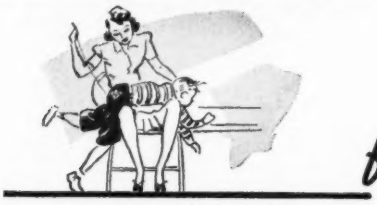
When time is a factor, nitrocellulose lacquer is the answer. It sets and dries fast—requires no special drying equipment.

for ECONOMY . . .

Lacquer's spray or dip application + rapid air drying = economy. The newer, extra low viscosity nitrocotton . . . and the "hot lacquer" process . . . increases solids content—produces better coverage in less time with minimum labor.

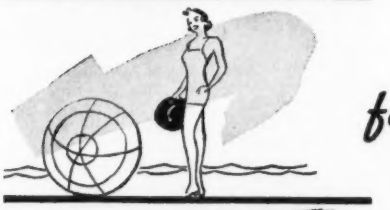
for DURABILITY . . .

Lacquers are tough, hard, flexible . . . resistant to abrasion and weathering. Lacquer also has other specific qualities depending on resin, plasticizer, and solvent modifications.



for EASY REPAIRS . . .

Suggest lacquer—because no other coating material approaches it for easy patching and touch-up.



for ALL SURFACES . . .

Lacquer can be used for all kinds of surfaces including metals, wood, rubber, plastics, fabric, leather, paper, and linoleum.

C.S.C. SUPPLIES SOLVENTS AND PLASTICIZERS TO MANUFACTURERS OF PROTECTIVE COATINGS.

LACQUER MAKES *Friendly* CUSTOMERS

COMMERCIAL SOLVENTS *Corporation*

17 East 42nd Street, New York 17, N. Y.

Industrial Application Of Chemicals

"Where You Can Sell"

Fully Protected by Copyright

Tri(hydroxymethyl)nitroethane Tripropionate

Adhesives — Plasticizer (U.S. 2128136) in adhesive compositions containing cellulose esters.

Ceramic—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters or resins or rubber, used as coatings for protecting and decorating ceramic products.

Chemical—Plasticizer (U.S. 2128136) for cellulose esters.

Cosmetic—Plasticizer (U.S. 2128136) in nail enamels and lacquers containing cellulose esters as base material.

Electrical—Plasticizer (U.S. 2128136) in insulating compositions, containing cellulose esters or resins or rubber, used for covering wire and in making electrical machinery and equipment.

Glass—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware.

Leather—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters or resins or rubber, used in the manufacture of artificial leather and as coatings for protecting and decorating leathers and leather goods.

Metal Fabricating—Plasticizer (U.S. 2128136) in coating compositions, containing cellulose esters, used for protecting and decorating metallic articles.

Miscellaneous—Plasticizer (U.S. 2128136) in coating compositions, containing cellulose esters or resins or rubber, used for protecting and decorating articles of various compositions.

Paint, Varnish, and Lacquer—Plasticizer (U.S. 2128136) in paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or resins or rubber.

Paper—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters or resins or rubber, used in the manufacture of coated papers and as coatings for protecting and decorating articles made of paper or pulp.

Photographic—Plasticizer (U.S. 2128136) in making films from cellulose esters.

Plastics—Plasticizer (U.S. 2128136) in making laminated fiber products, molded products, plastics from or containing cellulose esters or resins.

Resins—Plasticizer (U.S. 2128136) for resins.

Rubber—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters or resins or rubber, used as coatings for protecting and decorating rubber goods.

Stone—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters or resins or rubber, used as coatings for decorating and protecting artificial and natural stone.

Textile—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters or resins or rubber, used in the manufacture of coated fabrics.

Wood—Plasticizer (U.S. 2128136) in compositions, containing cellulose esters or resins or rubber, used as protective and decorative coatings on woodwork.

Spot Authorization Plan Restored by WPB

OPD Washington Bureau

The War Production Board has restored the complete operation of the Spot Authorization Plan for approving civilian production through district and regional offices. Such authorizations have been severely restricted in critical labor areas since fall, when the pressure of battlefield experience on war production made it impossible to use certain resources for civilian production since they were still needed for war production.

Civilian production under the spot authorization procedure may now be authorized in Group I and II labor areas without the unanimous consent of the Production Urgency Committee for the particular locality.

To Address Salesmen

Dr. Willard H. Dow will address the Salesmen's Association of the American Chemical Industry at a luncheon-meeting at the Hotel Commodore, May 22.

Fertilizer Ass'n Plans Streamlined Meeting

The National Fertilizer Association will hold its annual meeting in the Mayflower hotel, Washington, May 14. In view of the stringent hotel situation and a further step for the conservation of travel and for expediting the business of the association, the board decided to call the stated or annual meeting of members in conjunction with a meeting of the Fertilizer Industry Advisory Committee of the War Food Administration, which includes eight of the directors, and with a board meeting, thereby making it possible for members not in attendance to designate directors to serve as their proxies at the meeting. By this procedure, the attendance can be kept down to less than fifty persons and the legal meeting held without violation of the ODT regulations.

The meeting will discuss motions to amend the by-laws so as (1) to eliminate provisions for district committees and for all specifically named standing committees — the authority for the directors and the president to create and appoint standing and special committees as may be deemed necessary would be retained; and (2) to change the provisions relative to officers, a specific purpose of such changes being to make provision for a paid president and to define his duties and authority.

Lilienthal Renominated TVA Director

OPD Washington Bureau

President Truman announced May 2 the reappointment of David Lilienthal as director of the Tennessee Valley Authority for another nine-year term beginning May 18. A senate fight over confirmation is expected, however.

Mr. Lilienthal's renomination had been opposed by Senators Kenneth McKellar and Tom Stewart, of Tennessee, but supported by Senators John Bankhead and Lister Hill of Alabama in conferences earlier this week and last week with President Truman.

Research Fund Bill Favored by House Group

OPD Washington Bureau

The house select committee on postwar military policy recommended passage to the house May 2 of the May bill (H. R. 2946) providing for the government to appropriate funds annually to the National Research Council to enable it, in cooperation with the military services, to continue scientific research and advancement work in the interest of national security.

At the present time funds for these studies are made available to the council by the Office of Scientific Research and Development. The committee pointed out, however, that this office would cease to exist after the end of the war, since it was established by executive order of the President, and that its work has been so important to the country that it should be continued in the postwar period.

WPB Setup to Cope With Postwar Production

OPD Washington Bureau

With collapse of Germany and the ending of hostilities on the European front appearing imminent, machinery of the War Production Board was virtually completely geared up May 3 for the VE-Day announcement of President Truman to handle the major tasks of getting industries back to civilian production that will arise with the expected cutback in military requirements for materials.

A tentative draft was completed during the week of the main portion of the report being prepared by the board's Committee on Period One (CPO), which will be used as a guide in modifying and relaxing war and war-supporting productive controls. John D. Small, chairman of the committee, said that the report is now being examined by all government agencies concerned.

In a major step to adjust its policies and controls to the changing military procurement programs, J. A. Krug, chairman of the WPB, announced the complete restoration and operation of the Spot Authorization Plan for approving civilian production through district and regional offices of the board. These authorizations have been severely restricted in critical labor areas since Fall, but now civilian production under the spot authorization procedure may be authorized in Group I and II labor areas without the unanimous consent of the Production Urgency Committee for the particular locality.

Period One Output

Two other major developments of the war was the revocation of more than two dozen orders and directives controlling the distribution and use of materials, and the mapping of plans for intensive consultation with labor on all aspects of reconversion problems that will arise during Period I—the period between the defeat of Germany and the defeat of Japan.

Restoration of the spot authorization plan means that all areas throughout the country are now on the same footing as far as spot authorizations are concerned and the procedures for obtaining permission to produce civilian goods in Group I and II areas

—Continued on page 40

Batson Succeeds Stock As WPB Drugs Chief

OPD Washington Bureau

John T. Batson, who becomes chief of the Drugs and Cosmetics Branch of the Chemicals Bureau of the War Production Board May 15, upon the retirement of Fred J. Stock, is one of the early-comers to Washington to help out in the defense and war programs of the government. He went into government work November 1, 1941, at about the time the old Office of Production Management was formed, as industrial specialist on drugs and pharmaceuticals for that agency. When OPM was replaced by WPB, he became chief of the Medical Chemicals and Biologicals Unit, and

John T. Batson

—Continued on page 58

Surplus Property Personnel Unchanged

OPD Washington Bureau

Henry A. Wallace, secretary of commerce, has announced that no important changes in the regional field organization of the Office of Surplus Property will be made as a result of the transfer of that office from the Treasury Department to the Commerce Department under an order signed by President Harry S. Truman, April 20. A. U. Fox, director of the Office of Surplus Property under the Treasury Department, will continue to serve in that capacity under the Commerce Department.

The Office of Price Administration announced all orders establishing ceiling prices for surplus war goods sold by the Procurement Division of the Treasury Department will apply to the same items when sold by the Department of Commerce.

RFC Surplus Buyers List Available

OPD Washington Bureau

The Reconstruction Finance Corporation has announced that national lists of buyers of surplus capital and producers' goods covering sales, type and quantity of property purchased, together with prices paid, for the period, April 1 through April 15, are open for inspection at the RFC Washington (D.C.) office, 811 Vermont Avenue N. W.

Heretofore, the corporation, designated as a disposal agency by the Surplus Property Board, has been making regional semi-monthly lists public at its 23 offices through which the bulk of such surplus property is sold. Future semi-monthly national lists will be available for distribution at Washington. Regional offices will continue to make available separate sectional lists.

WPB Names Small Chief of Staff

OPD Washington Bureau

John D. Small, executive officer of the War Production Board, has been appointed chief of staff of WPB by J. A. Krug, chairman. Both Mr. Small and Hiland G. Bathcheller, chief of operations for the War Production Board, will serve as deputies to the chairman.

At the same time Mr. Krug announced the resignation of Samuel W. Anderson, program vice-chairman and chairman of the Requirements Committee, and the appointment of Lincoln Gordon, deputy program vice-chairman, to succeed Mr. Anderson in both capacities.

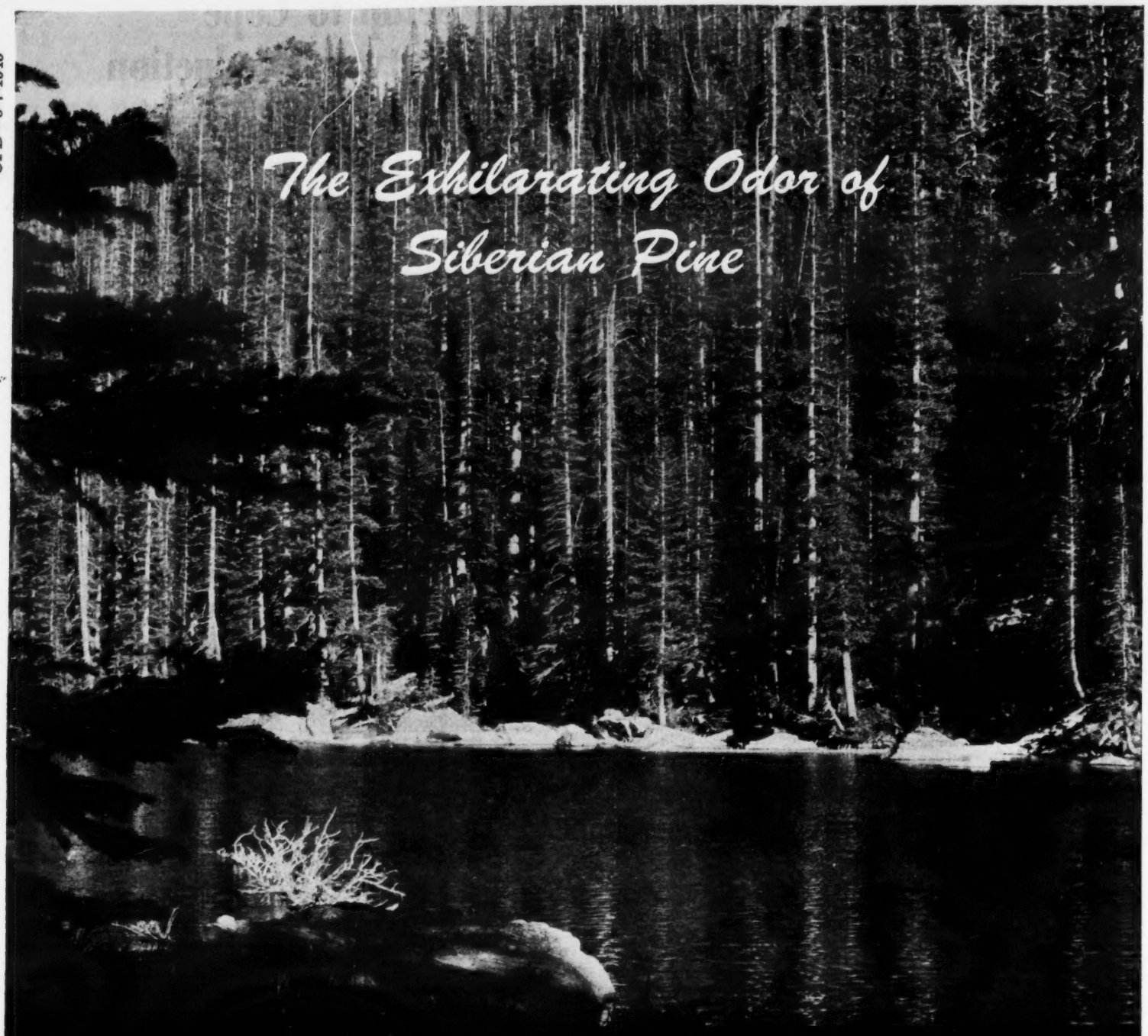
In addition to being chief of staff, Mr. Small already is chairman of the Production Readjustment Committee and heads the Committee on Period One (CPO). This latter committee is rounding into final shape that part of WPB's reconversion program designed to go into effect for the transition period from the two-front to the one-front war production basis.

Army-Navy Buying Office Opened in N.Y.

An army and navy purchasing office has been opened at 111 East 16th street, New York. The purpose of the office is to prevent conflicts between the army and navy in buying duck, webbing and various textiles and to provide a purchasing center near the selling offices for these commodities.

Colonel Thomas W. Jones will be the commanding officer for the Army Quartermaster Corps, and Commander Marshall W. Tuthill, U. S. N. R., will be the supply officer in command for the Navy Bureau of Supplies and Accounts.

Major E. O. Buhlmann and Major Louis Muhlfelder will be in charge of the wool cloth section; Captain Jerome A. Koerber and Lieutenant James G. Schulz will control the cotton cloth section, and Lieutenant Arthur Abbey will head the procurement personnel section.



Reproduced in the MM&R Laboratories

OIL PINE NEEDLE SIBERIAN
REPLACEMENT MM&R

Testing Sample and Schedule of Attractive Prices on Request

MAGNUS, MABEE & REYNARD, INC.

SINCE 1895 . . . ONE OF THE WORLD'S GREATEST SUPPLIERS OF ESSENTIAL OILS

16 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LASALLE STREET, CHICAGO

San Francisco: Braun-Knecht-Heimann-Co. • Los Angeles: Braun Corp. • Seattle, Portland, Spokane: Van Waters & Rogers, Inc. • Canada: Richardson Agencies, Ltd., Toronto

Current Market Quotations Chemicals and Related Materials

May 4, 1945

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37
Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., dlvd. E..lb. .08 - —
l.c.l., dlvd. E.....lb. .08½- —
tanks, dlvd. E.....lb. .07 - —
Acetone prices in West, ½c. per lb. higher.
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works. lb. .90 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.68 - 1.75
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks...lb. .07½- —
Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works..100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.93 - 7.25
synth., tech., bbls., works.. 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride,[6] (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis, lb. .46 - .59
standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic,[6] fib. dms., works....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls....lb. 1.20 - 1.25
tech., bbls. .....lb. .95 - —
Arsenous[6] tech. (see Arsenic, White).
USP, powd., dms., kgs....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.55
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs. up...lb. .53 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls., works, lb. .95 - —
Boric,[2] tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Acid, butyric, 99%, dms., c.l., works..lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broeners, bbls.....lb. 1.11 - —
Cacodylic, bots.....lb.13.50 -15.50
Camphoric,[3] cns.....lb. 6.95 - 7.00
Caprylic, 60%, dms.....lb. No stocks
Capric, tech.,[3] ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms...lb. Nominal
Chlorosulphonic, dms., c.l., wks. lb. .03 - —
l.c.l., works..... .....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l. lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.50 Nom.
Citric,[3] anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs, 1 ship't. lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l.lb. .20 - —
l.c.l., 10,000 lbs., 1 ship't. lb. .20½- —
smaller lots, bbls....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,3] dist., dms....lb. .17½- .19½
Corn oil,[1,3] s.d., dms., c.l., works..lb. .12 - —
Cottonseed oil,[1,3] s.d., ret. dms., c.l..lb. .12 - .13
tanks, dlvd.....lb. .11¼- .12¼
Cresylic,[2,6] dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref... gal. .616 - —
1-19, Cal., ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .550 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .696 - —
tanks, dlvd.....gal. .646 - —
Crotonic, bbls., Canadian, wks. lb. .25 - —
Dichlorophenoxyacetic, cns.. dms., works..lb. .85 - 1.10
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works.....lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
dmjn. .....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.67 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys, dlvd. E..lb. .48 - —
tech., 48%, cbys, same basis, lb. .45 - —
34%, cbys.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
N.F., dilute, 2%, 5-lb. bots., lb. .30 - .34
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, acid basis, lb. .08½- —
Hypophosphorous, USP djns., lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24¼- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
ten or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less, lb. .26 - .26½
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 83%, cbys.....lb. .54 - .57
USP VIII, 75% cbys.....lb. .52 - .55
Lauric,[3] dist., 95%, dms....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,3] light, dms...lb. .21¼- .22
dms., spot.....lb. .21½- .22
tanks, dlvd., E.....lb. .17½- .19¼

Acid, Maleic,[6] powd., dms....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms..lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E works.....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic,[3] dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms., 50-kilo lots up..kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide)
Nitric,[6] 36°, cbys., c.l., E works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works....100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works..100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., bots., cs., extra..lb. .15 - —
dealers, cbys. extra.....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[3] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls. works..lb. .80 - —
Peanut oil,[1,3] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 3.00 - 3.25
Phosphoric,[6] food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld...100 lbs. 7.00 - 9.50
tanks, works, frt. equald, 100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works... .....lb. .18¾- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.03
USP., cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., dlvd. E... gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1,3] s.d., dms., works, lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1,3] double press., bgs.lb. .15¾- .16¾
single pressed, bgs.....lb. .15¾- .16¾
triple pressed, bgs.....lb. .18¾- .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric,[6] 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., ...lb. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP, consumers, cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
9-lb. bots., cs. extra...lb. .08½- —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs... lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Acid, tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Thioglycolic, highly purified, bbls., cbys., basis 100%..lb. 3.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.15 - —
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l., frt. alld. lb. .39½- —
l.c.l., works.....lb. .40 - .41
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .33 - .34
pharmaceutical, dms., works..lb. .32 - .33
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd., bbls....lb. 1.86 - 1.96
granular, cryst., bbls....lb. 1.81 - 1.91
tech., cryst., bbls.....lb. 1.40 - 1.55
Alcohol, allyl, dms., c.l., dlvd.lb. .21 - —
l.c.l., dlvd. .....lb. .21½- —
tankcars, dlvd. .....lb. .20 - —
Amyl[6] ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt alld.....lb. .151 - —
tanks, frt. alld. lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —
Butyl, normal,[1,6] ferment, Ill., Ind. prod., dms., c.l., frt. alld..lb. .1830- —
l.c.l., frt. alld. E....lb. .1880- —
tanks, frt. alld. E....lb. .1730- —
tankwagons, frt. alld. E lb. .1780- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E.....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c per lb. higher.

secondary,[6] dms., c.l., dlvd. E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....bl. .13 - —
tanks .....lb. .11 - —
Caprylic,[6] dms., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.75 - 1.80
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 4.00 - 4.25
Denatured,[1,6,8] CD14, dms., c.l., works, E..gal. .57 - —
l.c.l., works, E.....gal. .59 - .62
tanks, E. dlvd.....gal. .50 - —

tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works..gal. .57 - —
l.c.l., works, E.....lb. .59 - .62
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .55 - —
l.c.l., works, E.....gal. .59 - .60
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD28H).
SD23H, dms., c.l.....gal. .56½- —
l.c.l., works, E.....gal. .58½- .61½
tanks, E. works.....gal. .49½- —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .56½- —
l.c.l., works, E.....gal. .60 - .63
tanks, E. works.....gal. .49½- —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .58 - —
l.c.l., works, E.....gal. .60 - .63
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[3,6] acetone-free, dms., c.l., dlvd..lb. .11¼- .14½
l.c.l., dlvd.....lb. .11¾- .15
tanks, dlvd.....lb. .10½- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12½
Ethyl,[6] 190 pf., dms., c.l., works..gal.17.67 - —
l.c.l., works.....gal.17.70½-17.73½
tanks .....gal.17.60 - —
absolute, dms., c.l., works.gal.18.62 - —
l.c.l., works.....gal.18.65½-18.68½
tanks .....gal.18.55 - —
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

1—Specific price ceiling
2—Price agreement (sellers with OPA)
3—General Limitation Order (L order)
4—General Preference Order (M order)
5—Conservation Order (M order
6—Allocation

Alcohol, furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl,[6] refd., dms., works..lb. .0860- —
tanks, works.....lb. .0760- —
Isopropyl,[2,6] refd., 91%, dms., extra, c.l., dlvd..gal. .37½- —
l.c.l., dlvd.....gal. .41 - —
tanks, dlvd.....gal. .34 - —
99%, dms., extra, c.l., dlvd., gal. .41 - —
l.c.l., dlvd.....gal. .44½- —
tanks, dlvd.....gal. .37½- —
Isopropyl alcohol, dms., included, 3c. per gal. more.
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.10 - —
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .63
Propyl, dms., works.....lb. .67 - .70
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .55 - —
dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l., same basis.....lb. .50 - —
Aidol,[6] dms., works.....lb. .13 - .15
denaturing grade, dms.....gal. 1.20 - —
Aletris root, bgs.....lb. .2.80 - 2.35
Algin, bbls., fib. dms.....lb. .76 - 1.60
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .16 - .16½
Allyl bromide, cbys, 5,000 lbs., works..lb. .99 - —
smaller lots, works.....lb. 1.05 - 1.10
chloride, dms., c.l., dlvd....lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
tanks, dlvd.....lb. .12½- —
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .57 - .58
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks..gal. .86 - —
l.c.l., works.....gal. .88 - —
tanks, works.....gal. .83 - —
Alphaterpineol, dms., c.,l, works, lb. .1340- —
l.c.l. works.....lb. .1390- —
tanks, works.....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia,[6] burnt, USP, bbls., kgs....lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 tons. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina classified, grade, ground, kgs., works..lb. .35 - .67
top grade, ground, kgs., works. lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic, solu., 24%, bbls., dlvd..lb. .10½- .11
20%, bbls., dlvd.....lb. .09½- .10
Chloride, anhyd.,[6] com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cgys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solut., 12-20° Be, bbls., c.l., works..lb. .09½- —
l.c.l., works.....lb. .10 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works.....lb. .035 - .040
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃, dms., 10,000 lbs. or more, f.o.b. ship't point, lb. .03 - .03¼
ton lots, same basis..lb. .03¼- .03½
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½%, Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., ctn., c.l....lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald., 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald., 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 98-99%,[2,3,4] c.l....lb. .15 - —
l.c.l. .....lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .56 - .60
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms..... lb. .38 - —
Powder, lining, extra fine, 150-lb. dms..lb. .93 - —
litho. 159-lb. dms.....lb. .57 - —
standard, 200-lb. dms ..lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms....lb. .36 - —
varnish, stand., 300-lb. dms., lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100 lb. dm., 1¼c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz.13.50 -14.00

Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bbls., dms.....lb. 4.00 - 4.40
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works.ton.69.00 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs.,4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld....lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms. .....lb. .29 - —
Carbonate, USP, lump, dms..lb. .08¼- .09¼
cns. .....lb. .14¼- .17¼
powdered, lc. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride,[6] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms.....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs..lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, bgs., c.l., shipping points..ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Nitrate-limestone, 20.5% N, bgs., Hopewell, Va..ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran., bbls.....lb. .23 - —
dms. .....lb. .25 - .29
Percholate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.18
Silicofluoride,[6] bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .08½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports..ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate,[6] ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .16½
l.c.l., dlvd.....lb. .13 - .19
tanks, dlvd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Salicylate, bots.....lb. .75 - 1.00
Stearate, dms., works.....lb. .42 - —
Amylene mixed, dms., c.l., works, lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, dms.....lb. 2.60 - 3.00
Angelica atropurpurea root, dms., bls..lb. .80 - 1.35
Angostura[6] bark, bls.....lb. .21 - .22
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Bulgarian, bgs.....lb. No stocks
Cyprus, bgs.....lb. .28½ Nom.
Mexican, futures, bgs.....lb. .18 - .18½
Syrian, bgs.....lb. .19 - .20
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 3.25 - 3.35
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1] ceramic grade, bgs., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
paint grade, bgs., c.l.....lb. .16¾- —
l.c.l. .....lb. .16¾- —
Salt,[1,6] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -28.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide., bots.oz. 6.10 - 7.10
Argols, min. 70%, bgs., shipment port, 100 kilos, 100% purity, kilo.72.00 -73.00
Arnica flowers, bls.....lb. 2.35 - 2.45
Arrowroot, powd., bgs., bbls...lb. .10 - .10¾

Arsenic,[6] chloride (arsenous), bots., lb. 1.55 - —
Metal, ump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talc, N. Y. fibrous)
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Cana. mines, ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
c.l., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.33.00 - —
c.l., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
c.l., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
c.l., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
c.l., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
c.l., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
c.l., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
c.l., same basis.....ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuba A, bulk, c.l.....ton.60.00 - —
l.c.l. .....ton.90.00 - —
B, bulk, c.l.....ton.38.50 - —
l.c.l. .....ton.55.00 - —
Egyptian .....ton. No stocks
Gilsonite, brilliant black, selects, 340°F fusing point, bgs., mines..ton.32.20 - —
270-295°F fusing point, bgs., mines..ton.30.50 - — seconds, 300-390°F fusing point, not uniform, bgs., mines..ton.25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works, lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.90 - 6.00

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry root bark, bgs.....lb. .90 - .95
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium[6] carbonate, natural, 90% thruugh 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....lb. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst.,[6] bgs., c.l., works, ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11½
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .12 - .14
grd., dms., l.c.l., works....lb. .13 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSO_4$, bulk, mines..ton. 8.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .72 - .80
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. allo. up to 2c. per gal., gal. .15 - —
W. Coast, Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 - .60
dms. .....lb. .55 - .56
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Benzylisoeugenol, bots.....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .28 - .30
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works...lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works.....lb. 1.85 - —
95%, works.....lb. 2.05 - —
98-99%, works.....lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .24½- —

Beth root, bls.....lb. .43 - .44
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb. cns.....lb. 2.54 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .12 - —
3, bgs., bbls., c.l, same basis, lb. .11 - —
4 bgs., bbls., c.l., same basis, lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon,[6] beads, compressed, bgs., c.l., works..lb. .93550- —
l.c.l., dlvd. or whse....lb. .07½- —
ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
l.c.l., dlvd. or whse....lb. .06 - —
cns., l.c.l., dlvd. or whse.lb. .06 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14¼- —
l.c.l., works.....lb. .15¾- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls....lb. .90 - .95
Tree bark, bls.....lb. .40 - .50
Black Indian hemp root, bls....lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bags, c.l., works..ton.70.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2] dms., c.l., works—100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., nge unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .70 - .80
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
Toner, bbls., same basis.....lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Chinese, bbls., same basis...lb. .36 - —
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron (see Blue, Chinese, Milori, Potash, Prussian, and Soda).
Milori, bbls., same basis.....lb. .36 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugutive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis, lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Prussian, bbls., same basis..lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis, lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis, lb. 2.10 - —
Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph: 1.6c. higher. Pac. Coast: Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

OPD—5-7-1945

Rochelle Salt

We are accepting a limited number of orders for prompt shipment.

As present demands are greater than the total available supply, kindly anticipate your requirements with a view of advising us of your monthly consumption over the balance of this year.

We are developing a product which should meet your most exacting requirements.

The most essential uses are being given first consideration — otherwise we are booking spot and forward business in the order received.

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Blue dyes are listed under Dyes.

Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Bluenag root, bls.....lb. .45 - .50
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago.....ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works..ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D).
Precipitated (see Calcium phosphate tribasic precip.)
Boneset leaves, bls.....lb. .14 - .15
Borage flowers, bls.....lb. No stocks
Borax,[3] tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ten lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld..ton.50.00 - —
ten lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .03¾- .10¾
raw, American, bbls., works.lb. .04 - 10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .03¾- —
Italian type, bbls., works. lb. .04¾- —
Turkey-type, bbls., l.c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans .....lb. .05½- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
Brown, umber, burnt, Amer., Turkey-type, bbls., l.c.l., ex car, Los Angeles....lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seatle..lb. .05¾- —
Vandyke, reg., bbls., works...lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Byronia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .83 - .85
Buckthorn bark, bls.....lb. .56 - .67
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1790- —
l.c.l., same basis....lb. .1840- —
tanks, same basis....lb. .1690- —
tankwagons, same basis, lb. .1740- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis....lb. .1950- —
tanks, same basis.....lb. .10¾- —
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works...lb. .15½- —
l.c.l., works .....lb. .16½- —
tanks, works.....lb. .14½- —
Butyl ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works.. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks, dlvd.....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] ingots or sticks, dlvd. lb. .90 - —
pat. shapes, cs., dlvd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., 100 lbs. or more..lb. 2.80 - 2.88
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .34 - .35
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse. works, ft. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1,5,6] dms., c.l., works, ton.50.00 - —
dlvd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .39
flake, 77-80%, paper bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., dlvd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., dlvd., ton.18.00 -34.50
l.c.l., dlvd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.60 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, dms., lbs.....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctn., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .29
Sulphate (see Gypsum).
Sulphide 70%, bgs., c.l., works, ton.45.00 - —
80,% bgs., c.l., works.....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 3%-4% Ca, 50-gal. dms., lb. .13¼- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - —
Calomel,[6] bbls., dms.....lb. 2.56 - 2.57
Camphor,[6] natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor monobromated, dms..lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks.
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 1.16
Caraway seed,[1] California, Dutch type, bgs..lb. .95 Nom.
Canadian, bgs.....lb. .95 Nom.
Morocco, dewhiskered, bgs...lb. No stocks.
Spanish, dewhiskered, bgs....lb. .93 Nom.
Syrian, dewhiskered, bgs.....lb. .94 Nom.
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21¼- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l. lb. .07½- —
l.c.l. .....lb. .08 - —

...GENERAL CHEMICAL *Sulfuric Acid* SERVES THE NATION'S NEEDS!

Sulfuric Acid is aptly named "Industry's Work Horse" for probably no other chemical compound has a greater number of commercial applications. Each of the product's properties leads to a long chain of uses . . . in war . . . in peace.

With Industry's demand for this basic chemical growing constantly, General Chemical Company is now creating new sulfuric acid facilities at strategic locations to help provide for urgent regional requirements.

General Chemical has been one of the nation's important producers of sulfuric acid since the turn of the century when the Company pioneered in America with the Contact Process for manufacturing pure, high strength acid. Today's new developments at Hegewisch, Ill.; Cleveland, Ohio; East St. Louis, Ill., and Newell, Pa. are one more example of *General Chemical Sulfuric Acid serving the nation's needs —now as in the past.*

BASIC CHEMICALS
GENERAL CHEMICAL COMPANY
FOR AMERICAN INDUSTRY

GENERAL CHEMICAL COMPANY
40 RECTOR STREET, NEW YORK 6, N. Y.

Sales and Technical Service Offices: Atlanta • Baltimore • Boston • Bridgeport (Conn.) Buffalo • Charlotte (N. C.) • Chicago • Cleveland • Denver • Detroit • Houston Kansas City • Los Angeles • Minneapolis • New York • Philadelphia • Pittsburgh Providence (R. I.) • San Francisco • Seattle • St. Louis • Utica (N. Y.) • Wenatchee Yakima (Wash.)

In Wisconsin: General Chemical Wisconsin Corporation, Milwaukee, Wis.

In Canada: The Nichols Chemical Company, Limited • Montreal • Toronto • Vancouver

Carbon tetrachloride, tech., Zone 1, 52½-gal. dms., c.l., frt. alld.	gal.	.73	—
l.c.l., frt. alld.	gal.	.80	—
5 or 10-gal. dms., c.l., frt. alld.	gal.	.97	—
l.c.l., frt. alld.	gal.	1.07	—
Zone 2, 52½-gal. dms., c.l., frt. alld.	gal.	.60	—
l.c.l., frt. alld.	gal.	.87	—
5 or 10-gal. dms., c.l., frt. alld.	gal.	1.04	—
l.c.l., frt. alld.	gal.	1.14	—
Zone 3, 52½-gal. dms., c.l., frt. alld.	gal.	.94	—
l.c.l., frt. alld.	gal.	1.00	—
5 or 10-gal. dms., c.l., frt. alld.	gal.	1.17	—
l.c.l., frt. alld.	gal.	1.27	—
Zone 4, 52½-gal. dms., c.l.,	gal.	.83	—
l.c.l.	gal.	.90	—
5 or 10-gal. dms., c.l.	gal.	1.07	—
l.c.l.	gal.	1.17	—
USP, cbys.	lb.	.17	- .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs.	lb.	1.45	- 1.50
medium, cs.	lb.	1.25	- 1.30
decorticated, cs.	lb.	.65	- .66
green, bgs.	lb.	.64	- .65
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units.		.50	—
Carotene, cryst., research grade (alpha, 10%; beta, 90%), amps, 100 grams, dlvd.	gram.	2.85	—
50 grams, dlvd.	gram.	2.90	—
in vegetable oil, 8,800 A units per gm., tins, works, 1,000,000 units.		.55	—
dms., works, 1,000,000 units.		.50	—
Carvol, bots.[6]	lb.	22.50	-23.00
Cascara sagrada bark, bulk	lb.	.32	- .35
Case-hardening mixture, 30% gran., dms., l.c.l.	lb.	.09¾	—
slabs, dms., l.c.l.	lb.	.08¾	—
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point	lb.	.22	—
20 to 99, same basis	lb.	.22¼	—
less than 20, same basis,	lb.	.22¾	—
rennet-precip., bgs., 100 or more, same basis	lb.	.23½	—
20 to 99, same basis	lb.	.23¾	—
less than 20 bgs.	lb.	.24¼	—
imp., acid-precip., ground, bgs., 100 bgs. or more	lb.	.18	- .19
rennet-precip., unground, bgs., 100 bgs. or more	lb.	.19½	- .20½
Cassia[1]	lb.	No stocks	
Cassia fistula, bskts.	lb.	.26	- .28
Castor beans, bgs., Brazilian ports	long ton.	77.00	—
Oil (see Oil, castor).			
Pomace,[1] bgs., c.l., works, unit	ton.	2.90	—
Castoreum, nat., cns.	lb.	12.00	-13.00
synth., bots.	lb.	19.00	—
Catechol, CP, cryst., works, fib. dms., tin.	lb.	2.15	- 2.30
resublimed, frt. alld. E. of Miss., dms.	lb.	3.50	—
Catnep, bls.	lb.	.65	- .66
Celery seed,[1] Indian, bgs.	lb.	.20½	- .21
Celluloid scrap (see Pyroxylin scrap).			
Cellulose acetate,[4,6] flake, ctns., works, frt. alld.	lb.	.30	—
granules, ctns., same basis	lb.	.35	—
Acetate-butyrate, flake, high (36.5%) butyryl content, 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.45	—
1,000-4,900 lbs., frt. alld.	lb.	.46	—
100-900 lbs., frt. alld.	lb.	.47	—
smaller pkgs, works.	lb.	.48	—
medium (15.5 or 17.0%), 100-lb. ctns., 5,000 lbs. and up, frt. alld.	lb.	.43	—
1,000-4,900 lbs., frt. alld.	lb.	.44	—
100-900 lbs., frt. alld.	lb.	.45	—
smaller pkgs., works.	lb.	.46	—
Granules are 5c. per lb. higher, all quantities.			
Acetate-propionate, flake, high (31.5%) propionyl content, 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.45	—
1,000-4,900 lbs., frt. alld.	lb.	.46	—
100-900 lbs., frt. alld.	lb.	.47	—
smaller pkgs., works.	lb.	.48	—
Granules are 5c. per lb. higher, all quantities.			
Triacetate,[4,6] flake, ctns., works, frt. alld.	lb.	.30	—
Cerium hydrate, dms., works.	lb.	.60	—
Oxalate, USP, bbls., works.	lb.	.35	—
kgs., works.	lb.	.37	—
Oxide, optical grade, kgs., 100-lb. lots, works.	lb.	1.50	—
smaller lots, bgs., works.	lb.	2.00	—
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works.	lb.	.02⅞	—
paint and other industries, bgs., c.l., works.	ton.	40.00	—
papermakers, bgs., c.l., works.	ton.	32.50	—
rubbermakers, bgs., c.l., works.	ton.	30.00	—
Chamomile, Hungarian type, cs.	lb.	42	- 43
Roman, bls.	lb.	No stocks	
Charcoal, pinewood,[1,6] grn., pulv., bgs., c.l., works, South.	ton.	30.20	—
l.c.l., same basis	ton.	41.00	—
Willow, powd., bbls.	lb.	.06	- .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works.	100 lbs.	2.85	- 3.85
l.c.l., works.	100 lbs.	3.10	- 4.10
tank, works.	100 lbs.	2.25	- 3.25
powdered, 65% tannin, bgs., c.l., works.	100 lbs.	6.50	- 9.10
l.c.l., works.	100 lbs.	7.25	- 9.85
Chillies (see Pepper, red).			
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works.	ton.	9.50	—
l.c.l., works.	ton.	16.00	—
China clay, dom., dry-grd., air-floated, 99¾% 300 mesh, bulk, c.l., works.	ton.	7.60	—
200 mesh, bgs., c.l., works.	ton.	8.50	—
l.c.l., works.	ton.	9.50	-15.50
wet-grd., silkbolt, 99½%, 325 mesh, bulk, c.l., works.	ton.	9.50	—
paper bgs., c.l., works.	ton.	12.50	—
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.	ton.	19.00	-24.00
powd., cks., l.c.l., ex whse.	ton.	41.00	—
Chloral hydrate, jars.	lb.	.93	- .98
dms.	lb.	.90	- .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works.	lb.	.32	—
smaller lots, works.	lb.	.35	—
1-lb. bots., ex whse.	lb.	1.25	—
Chlorine,[3,5,6] liquid, cyls., c.l.	lb.	.05¾	—
contracts	lb.	.05¼	—
l.c.l.	lb.	.07¼	—
tanks, single units, works, frt. equald.	100 lbs.	1.75	—
multiple units, 3 or over, works, frt. equald.	100 lbs.	2.00	—
2 wks., frt. equald.	100 lbs.	2.50	—
1 wks., frt. equald.	100 lbs.	3.00	—
Chloroform, tech., dms.	lb.	.20	- .23
USP, dms.	lb.	.30	- .33
Chloropicrin, coml, 180-lb. cyls., works, frt. alld.	lb.	.80	—
100-lb. cyls., same basis	lb.	.82	—
25-lb. cyls., ex whse.	lb.	1.00	—
1-lb. bots., ex whse.	lb.	1.25	—
Choline chloride, fib. dms.	lb.	3.00	- 3.10
Dihydrogen citrate, fib. dms.	lb.	3.00	- 3.10
Chrome acetate, powd., 24%, bbls.	lb.	.22	—
solut., 8%, bbls., cs.	lb.	.07½	—
7½%, bbls., cs.	lb.	.06½	—
Cake, bulk, c.l., works.	ton.	16.00	—
Ore,[1] residue, paper bgs., c.l., works.	ton.	15.00	—
Oxide (see Green, chrome oxide).			
Trioxide (see Acid, chromic).			
Yellow (see Yellow, chrome).			
Chrysarobin, bots.	lb.	6.02	- 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs.	lb.	1.20	Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs.	oz.	.80 + .13½*	
Sulphate, NF, cns., 100 ozs.	oz.	.89 + .13½*	

* See note on Quinine.

Cinchonine,[6] small, cryst., cns., 100 ozs.	oz.	.62 + .13½*	
large, cryst., cns., 100 ozs.	oz.	.66 + .13½*	
Sulphate, NF, cns., 100 ozs.	oz.	.42 + .13½*	

* See note on Quinine.

Cinchophen, NF, heavy, dms.	lb.	3.70	- 3.80
standard, dms.	lb.	3.50	- 3.60
Cinnamic alcohol (see Alcohol, cinnamic).			
Aldehyde, cns., dms.	lb.	2.50	- 3.90
Cinnamon,[1] Ceylon, No. 2, bls.,	lb.	.53	- .53½
3, bls.	lb.	.52	- .53
chips, bgs.	lb.	.56	Nom.
Citral, bots., cns.	lb.	4.50	- 5.00
Citrine ointment, jars.	lb.	.95	- 1.15
Citronellal, bots., dms.	lb.	2.75	- 3.25
Citronellol, bots., dms.	lb.	6.00	- 7.00
Clove,[1] Madagascar, bls.	lb.	.16¼	- .16¾
futures, bls.	lb.	.16	- .16½
Zanzibar, bls.	lb.	.17	- .17½
futures, bls.	lb.	.17¼	- .17¾
Clover tops, red, bgs.	lb.	.50	- .55
Coaltar,[6] coal-gas, crude, bbls., c.l., works.	bbl.	8.25	—
l.c.l., works.	bbl.	8.75	—
tanks, works.	gal.	.07½	—
Coaltar, refd., bbls., c.l., works,	bbl.	8.75	—
l.c.l., works.	bbl.	9.25	—
tanks, works.	gal.	.08½	—
water-gas, crude, dms., c.l., works.	bbl.	8.25	—
l.c.l., works.	dm.	8.75	—
refd., dms., c.l., works.	dm.	9.25	—
Cobalt acetate,[6] bbls., kgs., dlvd.,	lb.	.83¾	—
feed grade, 49.5% Co, kgs.	lb.	1.25	—
Carbonate,[6] powd., bgs., works,	lb.	1.58	—
feed grade, 23% Co, kgs.	lb.	1.85	—
Chloride, kgs., works.	lb.	.87½	—
feed grade, 24.5% Co, kgs.	lb.	1.25	—
Hydrate,[6] bbls.	lb.	2.04	—
feed grade, 62% Co, kgs.	lb.	2.25	—
Linoleate, paste, 5%, dms.	lb.	.32	- .35
solid, 8½%, dms.	lb.	.44	—
Naphthenate, 6% Co, 50-gal. dms.	lb.	.31	—
Nitrate, feed grade, 20.4% Co, kgs.	lb.	1.25	—
Oleate, bbls.	lb.	.44	Nom.
Oxide,[6] black, kgs.	lb.	1.84	—
Phosphate, feed grade, 34% Co, kgs.	lb.	1.75	—
Resinate, precip., 7.5% Co, 100-lb. dms.	lb.	.38½	—
Soyate, 8%-8.5% Co, 50-gal. dms.	lb.	.42	- .44
Sulphate,[6] dms.	lb.	.65	—
feed grade, 21% Co, kgs.	lb.	1.00	—
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.			
Cobalt-ammonium sulphate, 14% Co, kgs.	lb.	.75	—
Cocaine hydrochloride, 100-oz. lots, cns.	oz.	9.75	—
Cochineal, gray, bgs.	lb.	.37	- .38
silver, Teneriffe, bgs.	lb.	.38	- .39
Cocoa butter,[1] bulk, ship't pt.	lb.	.25	—
Cocillana bark, bgs.	lb.	.24	- .25
Codeine, cns., 100 ozs.	oz.	11.70	—
Hydrochloride, cns., 100 ozs.	oz.	10.50	—
Phosphate, cns., 100 ozs.	oz.	9.00	—
Sulphate, cns., 100 ozs.	oz.	9.50	—
Codliver oil (see Oil, codliver).			
Cohosh root, black, bls.	lb.	.15	- .16
blue, bls.	lb.	.23	- .25
Colchicine, bots., cns.	oz.	No stocks	
Colchicum seed.	lb.	No stocks	
Collodion, USP, dms.	lb.	.19½	- .20½
cns.	lb.	.23	- .29½
Flexible, USP, dms.	lb.	.21	- .22
cns.	lb.	.25	- .31
Colocynth pulp, bls.	lb.	.55	- .60
Colombo root, bls.	lb.	.17	- .18
Coltsfoot leaves, bgs.	lb.	No stocks	
Condurango bark, bgs.	lb.	.12	- .15
Copaiba balsam, Para, cns.	lb.	.47	- .49
S. A., USP, cns.	lb.	.50	- .52
Copper acetate, cupric, bbls., works.	lb.	.25¼	—
smaller containers, wks.	lb.	.27	—
Carbonate,[6] 52-54%, bbls.	lb.	.19½	- .20½
Chloride,[6] anhyd., bbls.	lb.	.22½	- .23
crystals, bbls.	lb.	.14¾	- .17
Cyanide,[6] tech., bbls.	lb.	.34	- .38
Iodide, bots.	lb.	5.15	- 5.19
Metal,[1,3,6] electrolytic	lb.	.12	- .12½
Naphthenate, 6%-8% Cu., 50-gal. dms.	lb.	.15	- .17
Nitrate,[1] tech., cryst., bbls.	lb.	.19¼	- .20¼
Oleate, precip., bbls.	lb.	.22½	- .28½
Oxide,[6] black, bbls., works.	lb.	.19	- .20
red, com'l, bbls., works.	lb.	.21	- .24½
Oxychloride-sulphate,[6] bgs.	lb.	.17	- .20
Resinate,[6] precip., 8.3% Cu., 125-lb. dms.	lb.	.15½	- .16

SPOT DELIVERIES

INDIAN MAGNESITE

LITHIUM SALTS

LACTIC ACID U.S.P.

TUNGSTIC ACID 99.95% PURE

MAGNESIUM OXIDE HEAVY CALCINED

DICALCIUM PHOSPHATE PURE FOOD

MENTHOL TECHNICAL

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

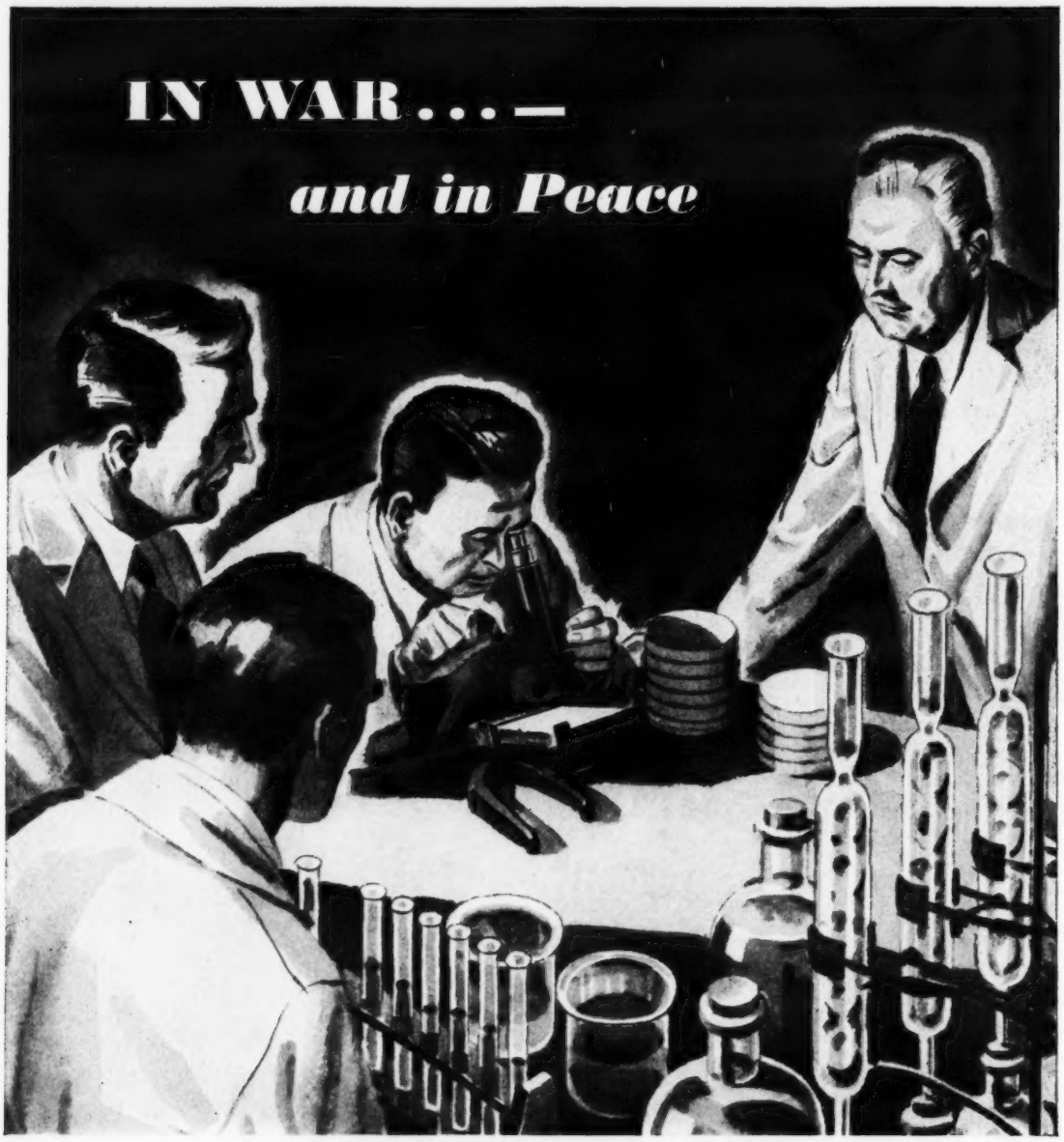
GOLWYNNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Copper sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs.. 100 lbs. 5.00 - 5.50
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd..100 lbs.10.20 - —
smaller lots, same basis, 100 lbs.10.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't.....lb. No prices.
Coriander[1] seed, Argentine, New Orleans, bgs..lb. .12½- .13
Indian, bgs.....lb. No stocks.
Morocco, bgs.....lb. .11½ Nom.
Cornsilk, bls.....lb. .31 - .32
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd. 100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.271 - —
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more..lb. 2.16 - —
gran., powd., dms., 50 lbs. or more..lb. 2.01 - —
Cottonroot bark, bls.....lb. .17 - .18
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, bulk, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .74 - .75
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls., kgs.. lb. .58 - .58½
Creosote carbonate, bots., cbys., lb. 2.10 - 2.39
Coaltar (see Cresol).
Oil,[2] coaltar, crude, tanks, works..gal. .15½- —
refined, dms., c.l., works, gal. .247 - .3325
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .18 - .1850
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
l.c.l., works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd.. cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .26
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cutch, bgs.....lb. No stocks
Cyanamid,[3] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —
Cyclohexane, 98-100%, dms., wks. lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt alld. E.....lb. .09½- —
Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23
Cyclohexanone, 98-100%, dms., c.l., works..lb. .30 - .32
tech., dms., c.l., frt. alld E..lb. .30 - —
l.c.l., frt. alld. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Damiana leaves, bls.....lb. .18 Nom.
Dandelion root, bls.....lb. .48 - .50
Decanol,[6] normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .35 - .36
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .28½- .28⅝
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots..lb. 5.00 - 8.50
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —
Diamyl ether (see Amyl ether)
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —
Diamylamine, dms., c.l., works, lb. .61 - —
l.c.l., works.....lb. .64 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific coast, ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2590- .2900
1-gal. cns., works.....lb. .2790- .3109
dms., c.l., works.....lb. .2040- .2359
l.c.l., works.....lb. .2090- .2409
tanks, works.....lb. .1940- .2259
Sebacate, dms., c.l., works.lb. .50½- —
l.c.l., works.....lb. .51 - —
tanks, works.....lb. .49¼- —
Tartrate, dms., works, frt. alld., lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .66 - —
l.c.l., works.....lb. .69 - —
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equaled with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd....lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
Diethyl phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l., dlvd.....lb. .2076- .2170
tanks, dlvd.....lb. .1935- .2060
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works.lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. .70 - .95
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural cleaned, bgs., lb. No stocks
decorticated, bgs.....lb. .16 - .16⅓
dewhiskered, bgs.....lb. .11½- .12
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .19 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[6] dms., ton lots, dlvd..lb. .44 - —
smaller lots, dlvd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
steam-dist., dms., dlvd. E..gal. .56 - .58
tanks, dlvd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., according to tannin content..ton.67.00 -68.00
Doggrass root, dom., cut, NF, bls..lb. .30 - .35
imp., NF, bls.....lb. .52 - .55
Dogwood, Jamaica, bark, bls..lb. .08 - .10
Dover's powder, USP, cns....lb. 2.75 - —
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks
Dyes, coaltar (certified colors for foods, drugs and cosmetics)—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
Green, FD&C green, No. 1, cns., lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns...lb. 8.50 - —
FD&C yellow, No. 3, cns...lb. 2.65 - —
FD&C yellow, No. 4, cns...lb. 2.65 - —
FD&C yellow, No. 5, cns...lb. 3.15 - —
FD&C yellow, No. 6, cns...lb. 3.15 - —



The skilled technicians and research scientists of Warwick Chemical prove invaluable in solving many an industrial problem.

For today's (or tomorrow's) production problems call on these experts . . . often!

Warwick Chemical Company

WEST WARWICK, R. I. • 580 FIFTH AVE., NEW YORK CITY • ROCK HILL, S. C.

© 1944 Warwick Chemical Co.

Impregnole Water Repellent • Luminous Pigments • Metallic Stearates • Metallic Resinates
Petroleum Waxes • Sulfated Oils • Synthetic Detergents • Textile Compounds • Wetting Agents

Whose portrait is this?

Come the end of the war, this will be a portrait of the consumer. Once again he will get on his high horse.

He will insist on: Superior merchandise . . . Attractive packaging . . . Low prices. And he will get his way, more and more, as time goes on.

Many businessmen like you are preparing for these days.

Clues for you . . .

We believe we can help you get the favor of the man in the postwar saddle.

In our dealings and experiments for Uncle Sam these past few years, we have developed many improvements in packaging. We have found new ways to speed packing, improve appearance and saleability.

Perhaps from this war experience, we can develop new ideas that may be adapted to your coming packaging problems.

Co-operating with you . . .

At your service are our engineering and research staffs. They will analyze your problems, work with you hand in hand. Why don't you investigate these possibilities? Just call on our local representative, or write to our main office.

AMERICAN CAN COMPANY

230 PARK AVENUE CANCO NEW YORK 17, N. Y.

THE WORLD'S LARGEST MANUFACTURER OF FIBRE AND METAL CONTAINERS

Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C black, No. 1, cns., lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.85 - —
Red, D&C red, No. 3, cns..lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —

Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns., lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —

Dyes, coaltar, for general uses[1] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G...lb. .65 - .70
40 Chome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .35 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
502 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50

Dyes, coaltar, for general uses[1] (numbers are those of Colour Index scale)—
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
865 Nigrosin derivatives...lb. .36 - .44
Blue—
7075 Alizarin astral base..lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue F.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
332 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Mehhylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
10 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
864 Nigrosin .....lb. .36 - .44
Blue—
860 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green—
637 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —

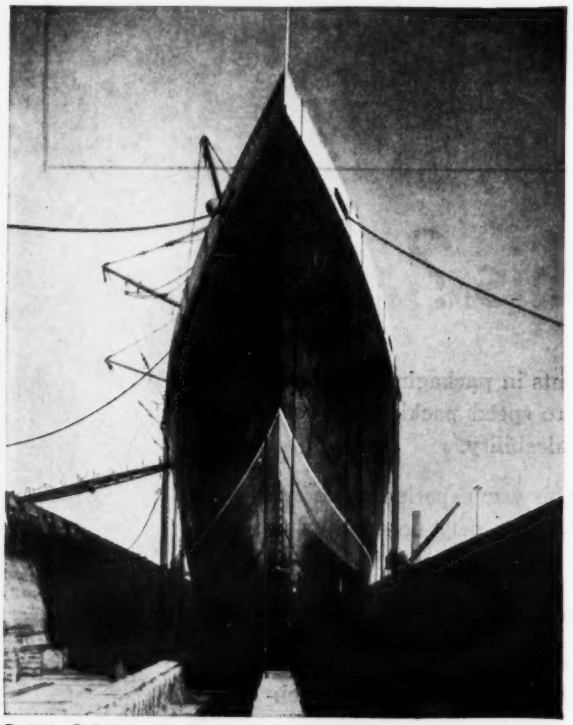
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .80 - .85
Egg[1] albumen (see Albumen).
Yolk, dried, dom., bbls.....lb. 1.00 - 1.06
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .60 - .65
Elecampane root, bls.....lb. .32 - .33
Elm bark, grinding, bls.....lb. .40 - .41
powd., bbls., bxs.....lb. .50 - .51
select, bndls.....lb. .50 - .55
Emetine hydrochloride,[6] bots..oz.21.00 -33.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
hydrous, bots., 100 ozs..oz. .65 - —
Hydrochloride, tins, 100 ozs., oz. .50 - —
Sulphate, cryst., tins, 100 ozs..oz. .48 - —
Epinephrine, synth., USP, bots., gram. .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½- —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., divd.....lb. .30 - —
Ethyl[6] (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric,[6] conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[3,6] 85-90%, dms., c.l., frt. alld..lb. .1170- .1275
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235

Better Wrappings—thanks to C. P. glycerine. Because it is nontoxic, it is safe to use in making transparent wrappings that come in contact with foods, such as cakes, candies, breads, etc.

Better Foods—thanks to glycerine. C. P. glycerine, a product of nature, is a food itself. That's why it's so beneficial and safe to use in beverages, candies, flavorings, other food products.



Better Paints—thanks to glycerine, an important ingredient in the manufacture of alkyd resins, used for making tough, long-lasting protective coatings. Nothing takes the place of glycerine.

Why Glycerine is a Superior Humectant: LOW VAPOR PRESSURE

MANY materials and products are required to remain soft and pliable—not dry out through loss of moisture. Tobacco, adhesives, and dentifrices are just a few examples of this. Humectants (hygroscopic, water-attracting agents) are used to retain and preserve these qualities, by holding moisture, and also to add their own plasticizing action.

One of the most important properties needed in a humectant is resistance to evaporation—low vapor pressure. That is an outstanding characteristic of glycerine, which, together with its other properties, is the reason why glycerine is such a superior humectant, and why it is used by so many manufacturers.

The following table shows the vapor pressures (in millimeters of mercury) of glycerine and some other humectants at 30°C.

Glycerine	*Humectant "A"*	*Humectant "B"*	*Humectant "C"*
0.0005	0.16	0.009	0.32

This low vapor pressure of glycerine means that it will "stay put." It means that the composition of the material in which glycerine is used will remain substantially the same over long periods of time. It means satisfaction to consumer buyers.

Low vapor pressure, high viscosity, non-toxicity, high solvent power, compatibility, and other valuable properties, plus economy, make glycerine a superior humectant. Use glycerine, which is now freely available for the production of civilian goods. Glycerine Producers' Association, 295 Madison Avenue, New York 17, N. Y., Dept. K-5.

Better Cosmetics—thanks to soothing C. P. glycerine, which helps to keep skin soft and smooth. Think of glycerine, now freely available, when you plan new products. Use it—and be *sure!*

Better Pharmaceuticals—thanks to C. P. glycerine, the tried and tested ingredient, proved through generations of use. Use crystal-clear glycerine in the formulation of your products—and be *sure!*

Ethyl acetate, NF, dms.	lb.	.14½- .15½
Acetoacetate, dms., c.l., works, l.c.l., frt. alld.	lb.	.37½- —
	lb.	.38 - —
Benzoate, bots.	lb.	.90 - 1.00
Bromide, tech., dms.	lb.	.50 - .55
Carbamate, dms., divd. E.	lb.	.58 - —
Chloride, tech., dms.	lb.	.18 - .20
USP, bbls., cyl.	lb.	.20 - .22
Cinnamate, cns.	lb.	3.25 - 3.85
Formate, dms., Agnue, Calif.,	lb.	.26 - .32
Iodide, bots.	lb.	3.50 - 3.60
Lactate, dms., works	lb.	.33½- .39½
Myristate, dms., works	lb.	.55 - —
Oenanthate, dms.	lb.	1.50 - 1.75
Oleate, dms., l.c.l., works	lb.	.47 - —
Oxalate, dms., frt. alld.	lb.	.33 - —
Silicate, dms., l.c.l., works	lb.	.77 - —
Ethylcellulose,[8] pkgs., 5,000 lbs. or more, works	lb.	.50 - —
smaller lots, works	lb.	.52 - .60
Ethyldiethanolamine, dms., l.c.l., works	lb.	.80 - —
Ethylene dichloride,[6] dms., c.l., works, frt. alld. E. of Rockies, frt. alld.	lb.	.0842- —
West of Rockies	lb.	.0891- —
l.c.l., works, frt. alld. E. of Rockies	lb.	.0842- —
West of Rockies	lb.	.0941- —
tanks, frt. alld. E. of Rockies,	lb.	.0743- —
West of Rockies	lb.	.0792- —
Trichloride (see Trichloroethane).		
Ethyleneglycol,[3,6] dms., c.l., frt. alld. in E.	lb.	.10 - —
l.c.l., same basis	lb.	.11 - —
tanks, same basis	lb.	.09 - —
Monobutylether,[6] d m s., c.l., works	lb.	.17½- —
l.c.l., works	lb.	.18½- —
tanks, works	lb.	.16½- —
Monoethylether,[6] d m.s., c.l., works	lb.	.15½- —
l.c.l., works	lb.	.16½- —
tanks, works	lb.	.14½- —
Monoethylether acetate, dms., c.l., works	lb.	.13½- —
l.c.l., works	lb.	.14½- —
tanks, works	lb.	.12½- —
Monomethylether,[6] d m s., c.l., works	lb.	.16½- —
l.c.l., works	lb.	.17½- —
tanks, works	lb.	.15½- —
Ethylethanolamine, d m s., c.l., works	lb.	.57 - —
l.c.l., works	lb.	.60 - —
Ethylmonoethanolamine, l.c.l., dms., works	lb.	.80 - —
Ethylmorphine hydrochloride, bots.	oz.	10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more	lb.	5.25 - —
smaller lots	lb.	5.30 - 5.40
Eucalyptol, cns., dms.	lb.	2.75 - 3.00
Eucalyptus leaves, bls.	lb.	.10 - .18
Eugenol, cns., dms.	lb.	2.65 - 3.25
Euphorbia, bls.	lb.	.12 - .13

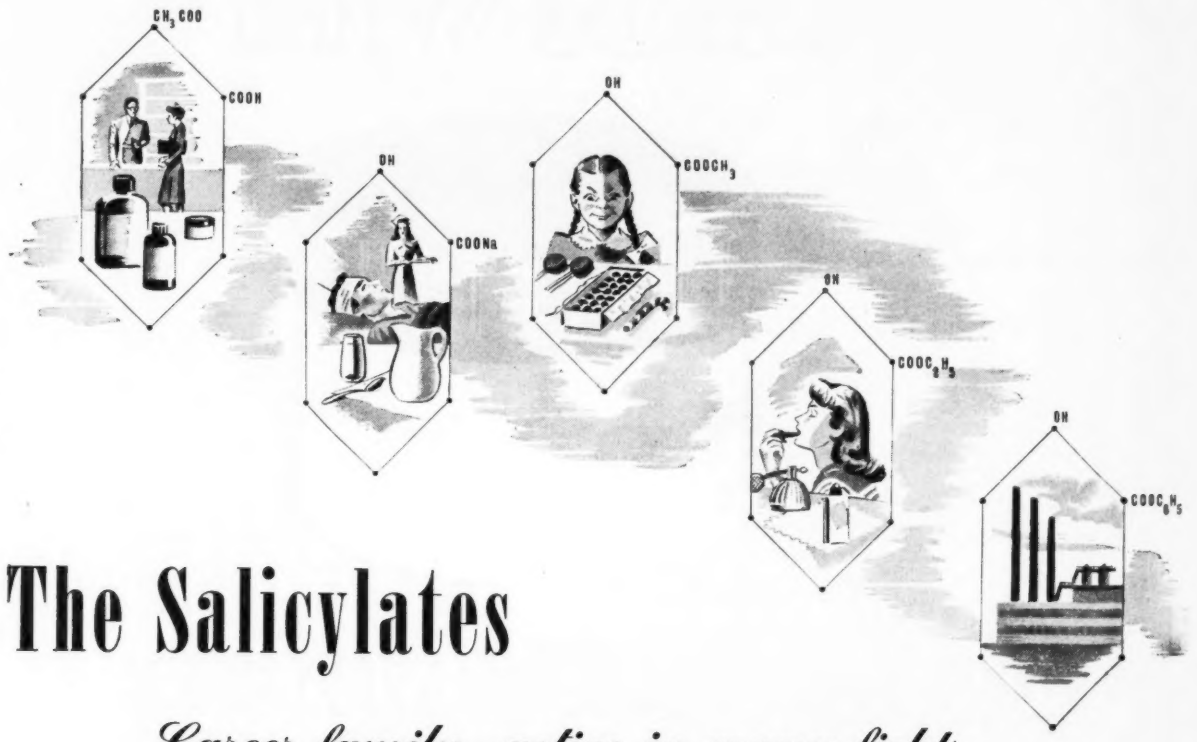
F

Feldspar, enamel, 100 mesh, bgs., min. 2 tons.	ton.	17.00 -20.50
bulk, c.l.	ton.	14.00 -17.50
glass, 20 mesh, bgs., c.l., works, min. 2 tons.	ton.	12.75 -16.25
bulk, c.l.	ton.	9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons.	ton.	20.00 -22.00
bulk, c.l., works	ton.	17.00 -19.00
Fennel seed, Argentine, bgs.	lb.	No stocks
Indian, bgs.	lb.	.16½ Nom.
Fenugreek, Argentine, bgs.	lb.	No stocks
domestic, bgs.	lb.	.16½- .17
Indian, bgs.	lb.	No stocks
Morocco, bgs., futures	lb.	.08¼- .08¾
Ferric sulphate, anhyd., bgs., c.l., works	ton.	35.00 - —
l.c.l., works	ton.	40.00 - —
Film scrap, colored, cs., works,	lb.	.13½- .15
smaller lots, works	lb.	.15 - —
water-white, cs., works	lb.	.14½- .17
smaller lots, works	lb.	.17 - —
Fir balsam, Canada, cns.	gal.	17.00 -17.25
Oregon, bbls.	gal.	2.35 - 2.50
Fishberries, bgs.	lb.	.23 - .24
Fishliver oils (see Oil, fishliver).		
Fishmeal,[1] grd., 60% protein, bgs., E. works.	ton.	72.50 - —
65% protein, bgs., E. works,	ton.	78.50 - —
Fishscrap, dried, 60% protein, bulk, East coast.	ton.	66.50 - —
Flake white, bbls.	lb.	.09 - —
kegs	lb.	.11 - —
Fleaseed, French type, black, bgs.	lb.	.62 - .64
Indian, blonde, bgs.	lb.	.12 - .13
Fluorspar, No. 1, ground, 95-99% CaF_2, bulk, c.l., mines, net	ton.	37.00 - —
washed gravel, 70% or more CaF_2, c.l., bulk, mines.	ton.	33.00 - —
65%, c.l., bulk, mines.	ton.	32.00 - —
60%, c.l., bulk, mines.	ton.	31.00 - —
less than 60%, c.l., bulk, mines.	ton.	30.00 - —
Formaldehyde,[1,3,6] bbls., c.l., works.	lb.	.0520- —
l.c.l., works	lb.	.0570- —
dms., extra, c.l., works	lb.	.0460- —
l.c.l., works	lb.	.0510- —
tanks, works	lb.	.0320- —
tanktrucks, divd. N.Y.C.	lb.	.0345- —
Fringetree bark, bls.	lb.	.65 - .70
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines.	ton.	8.50 -15.00
Tex. mines	ton.	12.50 - —
spent, bulk, Bayonne.	ton.	3.00 - —
Chicago	ton.	4.00 - —
imp., bgs., c.l.	ton.	30.00 -40.00
Furfural,[6] ref., dms., c.l., works.	lb.	.15½- —
cns., dms., l.c.l., works.	lb.	.15½- .20½
tech., dms., c.l., works	lb.	.13 - —
l.c.l., cns., dms.	lb.	.15½- .20½
tanks, works	lb.	.09½- —
Fusel oil, crude, dms., works.	gal.	.75 - —
refd., dms., divd.	lb.	.18½- .19½
Fustic cryst., No. 1, bbls.	lb.	.32 - —
No. 2, bbls.	lb.	.30 - —
No. 3, bbls.	lb.	.28 - —
Extract, No. 1, bbls.	lb.	.16 - —
No. 2, bbls.	lb.	.15 - —
No. 3, bbls.	lb.	.12½- —

G

G salt, bbls.	lb.	.45 - —
Galangal root, bls.	lb.	.24 - .25
l.c.l., works	lb.	1.75 - 2.50
Gambier, cube, Singapore, cs.	lb.	No stocks
Extract, bbls.	lb.	No stocks
Gammapicoline, 95%, dms., c.l., works.	lb.	1.35 - —
Gasoline[1] at refinery, ex tax, Arkansas, 70-74 octane, tanks,	gal.	.05⅞- —
Bayonne, 70-74 oct., tanks.	gal.	.09075- —
Gulf Coast, 70-74 oct., tanks,	gal.	.05⅝- —
Group 3, 70-74 oct., tanks.	gal.	.05⅞- —
Pennsylvania, western, US motor, 70-74 octane, leaded, tanks.	gal.	.07⅞- .0895
natural, 20/70, Group 3, tanks,	gal.	.04½- .04¾
Gelatin, silver label, ctns., divd.	lb	.90 - .97
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.		
Gelsemium root, bls.	lb.	.19 - .20
Gentian, root, bls.	lb.	.37 - .38
grd., bbls., bxs.	lb.	.39 - .40
powd., bbls., bxs.	lb.	.40 - .41
Geraniol, 92-96%, cns., dms.	lb.	No prices
Ginger,[1] African, No. 1, bls.	lb.	No stocks
Calicut, bgs.	lb.	.23½- .24
Cochin, bleached, bgs.	lb.	.21½- .22
unbleached, bgs.	lb.	.21 - .21½
Jamaica, No. 1, bgs.	lb.	.24 - .24½
No. 2, bgs.	lb.	.23 - .23½
No. 3, bgs.	lb.	.23 - .24
Rhattoon, bgs.	lb.	.22 - .22½
Ginseng root, wild, South, cs.	lb.	8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).		
cryst., bgs., bbls., works.	100 lbs.	1.05 - 1.45
Glue, bone,[6] calcium type, 2¼ millipoise, 36 jellygrams, bgs., c.l., East of Midwest,	lb.	.16 - —
30/58, bgs., c.l., same basis.	lb.	.15½- —
58/82, bgs., c.l., same basis.	lb.	.17 - —
82/108, bgs., c.l., same basis.	lb.	.18½- —
Bone glue l.c.l. prices 1c. higher than c.l.		
Hide,[1,6] 100-121 (jelly test in grams), bgs., c.l., divd.	lb.	.14 - .21½
122-149, bgs., c.l., divd.	lb.	.15 - .22½
150-177, bgs., c.l., divd.	lb.	.16 - .23½
178-206, bgs., c.l., divd.	lb.	.17 - .24½
Glue, hide, 207-236, bgs., c.l., divd.	lb.	.18 - .25½
237-266, bgs., c.l., divd.	lb.	.19 - .26½
267-298, bgs., c.l., divd.	lb.	.20 - .27½
299-330, bgs., c.l., divd.	lb.	.21 - .28½
331-362, bgs., c.l., divd.	lb.	.22 - .29½
363-394, bgs., c.l., divd.	lb.	.23 - .30½
395-427, bgs., c.l., divd.	lb.	.24 - .31½
428-460, bgs., c.l., divd.	lb.	.25 - .32½
461-494, bgs., c.l., divd.	lb.	.26 - .33½
495-529, bgs., c.l., divd.	lb.	.27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.		
Glycerin, crude, saponification, 88%, to refiners, tanks.	lb.	.10½- .11
soaplye, 80%, tanks.	lb.	.09½- .10
dynamite, dms., c.l.	lb.	.14½- —
l.c.l.	lb.	.15 - —
tanks	lb.	.14½- —
high gravity, dms., c.l.	lb.	.14½- —
l.c.l.	lb.	.15 - —
tanks	lb.	.14¼- —
ref., USP, CP, 95%, dms., c.l.,	lb.	.15½- —
l.c.l.	lb.	.15¾- —
tanks	lb.	.15 - —
B.P., 98%, dms., c.l.	lb.	.15¾- —
l.c.l.	lb.	.16¼- —
tanks	lb.	.15½- —
yellow, distilled, dms., c.l.	lb.	.14¾- —
l.c.l.	lb.	.14⅞- —
tanks	lb.	.14½- —
Glycine, USP, bbls., tins.	lb.	1.25 - 1.30
Glycol boriborate, dms.	lb.	.22 - —
Stearate, dms.	lb.	.26 - —
Gold chloride, acid-brown, bots.	oz.	20.75 -21.00
acid-yellow, bots.	oz.	18.75 -19.00
Gold-soda chloride, photo., bots.,	oz.	13.00 - —
USP IX, bots.	oz.	14.50 -14.75
Goldenseal root, bls.	lb.	7.70 - 8.00
powd., bxs.	lb.	7.95 - 8.25
Gold of pleasure seed, bgs.	lb.	No stocks
Grains of paradise, bgs.	lb.	.30 - .31
Graphite, dom., crystalline, 80% through 50 mesh, graphitic carbon content, 65-70%, bgs., whse. basis.	lb.	.04½- —
70-75%, bgs., same basis,	lb.	.05 - —
75-80%, bgs., same basis,	lb.	.05½- —
80-85%, bgs., same basis,	lb.	.06 - —
85-90%, bgs., same basis,	lb.	.07 - —
90% and up, same basis,	lb.	.08 - —
Grease, house,[1,8] loose.	lb.	.08¼- —
White, choice, loose.	lb.	.08⅞- —
Wool (see Adeps lanae and Degras).		
Green, brilliant,[1] thioflavin toner, molybdic, kgs., works.	lb.	3.25 - —
tungstic, kgs., works.	lb.	3.75 - —
Chrome,[1,8] CP, dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.23 - —
15%, bbls., same basis.	lb.	.25 - —
20%, bbls., same basis.	lb.	.25½- —
21-25%, bbls., same basis.	lb.	.26 - —
26-30%, bbls., same basis.	lb.	.26½- —
31-35%, bbls., same basis.	lb.	.27½- —
36-40%, bbls., same basis.	lb.	.29 - —
41-45%, bbls., same basis.	lb.	.30½- —
46-50%, bbls., same basis.	lb.	.33 - —

AN IMPORTANT GROUP AMONG THE MANY DOW CHEMICALS USED BY AMERICAN INDUSTRY



The Salicylates

Career family—active in many fields

Medicinals and preservatives . . . perfumes and plastics . . . these illustrate the wide range of products in which you will find the Salicylates today. In the pharmaceutical and other industries, these versatile chemicals play a multitude of roles.

The Salicylates include some of the best known analgesics and antipyretics in medicine. Acetyl Salicylic Acid is a typical example. Many Salicylates are valuable antiseptics, but the family is active in a variety of other fields as well. Methyl and Ethyl Salicylate are standard flavoring and perfuming agents . . . Sodium Salicylate is used as a preservative as well as a medicinal . . . Salol is employed for enteric coatings and even as a light stabilizer for plastics.

In the long list of Salicylates produced by Dow, one or more may have new potentials for application to your own products. Your inquiries are cordially invited.

Dow Salicylates: Acetyl Salicylic Acid, U.S.P.—Ethyl Salicylate Carbonate—Sodium Salicylate, U.S.P.—Ammonium Salicylate, N.F.—Calcium Salicylate—Magnesium Salicylate—Strontium Salicylate, N.F.—Methyl Salicylate, U.S.P.—Ethyl Salicylate—Salol, U.S.P.—Antipyrine Salicylate—Salicylic Acid, U.S.P. and Tech.—and others.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

New York • Boston • Philadelphia • Washington • Cleveland • Detroit • Chicago
St. Louis • Houston • San Francisco • Los Angeles • Seattle

Pharmaceutical *Chemicals*

DOW

CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Green, chrome, reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10¼- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17¼- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.: El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Chrome oxide,[6] pure, dms., works..lb. .24 - —
Malachite, thioflavin toner, molybdic, bbls., works..lb. 3.00 - —
tungstic, bbls., works....lb. 3.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide), bbls., works..lb. .85 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V.)

Green dyes (see Dyes, coaltar).
Grindelia robusta, bls.....lb. .18 - .19
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, liquid, fib. dms.....lb. 1.75 - 2.01
Carbonate, dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
l.c.l., works.....lb. .58 - .73½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs...lb. .11¾- .12
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., c.l., same basis, lb. .21½- —
32, bgs., c.l., same basis, lb. .15¾- —
33, bgs., c.l., same basis, lb. .14 - —
34, bgs., c.l., same basis, lb. .09¼- —
35, bgs., c.l., same basis, lb. .15¾- —
36, bgs., c.l., same basis, lb. .12¾- —
37, bgs., c.l., same basis, lb. .18½- —
38, bgs., c.l., same basis, lb. .12¼- —
39, bgs., c.l., same basis, lb. .10¾- —
40, bgs., c.l., same basis, lb. .08 - —
41, bgs., c.l., same basis, lb. .11¾- —

Gum, copal, Congo, unsorted, No. 1, bgs., same basis..lb. .15¾- —
2, bgs., c.l., sam ebasis.lb. .13¼- —
3, bgs., c.l., same basis.lb. .12¼- —
FAD, bgs., c.l., same basis lb. .14⅞- —
East India,[1] Batu, bold, scraped, c.l., same basis..lb. .10¾- —
unscraped, same basis.lb. .09 - —
chips, same basis...lb. .05¾- —
dust, same basis...lb. .05½- —
nubs and chips, same basis.. lb. .05¾- —
black, bold, scraped, bgs., lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis...lb. .11½- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis...lb. .11¾- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .16¾- —
Macassar,[1] dust., bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis.....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bskts, c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —

Gum, copal, Manila, loba, D, same basis..lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07⅜- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis, lb. .15½- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l...lb. .08¾- —
lb. .08¾- —
Philippine,[1] Manila, extra bold and bold, pale, scraped, bskts., same basis..lb. .15 - —
extra bold, sorts, bgs., c.l., same basis..lb. .12¾- —
pale chips, bold, same basis, lb. .13 - —
nubs, WCB, same basis...lb. .13¾- —
seeds, dust, same basis...lb. .08¾- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11¾- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17⅜- —
chips, small, same basis..lb. .12⅜- —
cuttings of split, same basis, lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .28⅝- —
A/E, same basis.....lb. .25⅝- —
B, same basis.....lb. .34⅝- —
C, same basis.....lb. .28⅝- —
D, same basis.....lb. .25⅝- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, c.s., c.l..lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .12⅝- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17¾- —
Gum, dammar, l.c.l., prices, higher. ¼c. to ½c.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09½- .09¾
Ester gum, rosin types,[1,4] dms., c.l., dlvd. Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1185- —
l.c.l., dlvd. Ill., etc.....lb. .1210- —
other points, same basis, lb. .1285- —
wood rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc..lb. .095 - —
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. .25 - .40
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .15 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis..lb. .34 - —
superior, same basis....lb. .31 - —
No. 2, extra, same basis...lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis, lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis...lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis, lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .60 - .65
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .60 - .65
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .99½- —
Scammony, cs.....lb. 1.30 - 1.35
Talba, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 3.75 - 4.00
No. 2, cs.....lb. 3.25 - 3.50
No. 3, cs.....lb. 2.25 - 2.50
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .06¼- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N.Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kansas. frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y., works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.12.00 - —

America's No. 1 Choice Because It's 5 WAYS BETTER

MALMSTROM · NIMCO BRAND · LANOLIN

WHAT SINGLE INGREDIENT has magical consumer appeal? You'll find the answer waiting for you in the corner drug stores of America. Preference for products enriched with LANOLIN is overwhelming!

In the words of a neighborhood druggist, "We recommend as more beneficial the toiletry that contains lanolin. Customers accept it more readily, and some even *ask* for a product that contains lanolin."

The cue for post-war profits is clear! Start experimenting with Malmstrom's Nimco Brand Lanolin today. Yours for the asking are testing samples — and the know-how that has made Malmstrom "America's Largest Supplier of Lanolin."

N. I. MALMSTROM & CO.

America's Largest Suppliers of { **LANOLIN** • Anhydrous U.S.P. • Hydrous U.S.P. • Absorption Base • Technical
DEGRAS • Neutral and Common • Wool Greases

147 LOMBARDY STREET • BROOKLYN, NEW YORK

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. No prices
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb 2.40 - 2.50
Hematine, cryst., No. 1, bbls., lb. .34 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
No. 4, bbls.....lb. .26 - —
No. 5, bbls.....lb. .24 - —
Hematine, paste, No. 1, bbls...lb. .14½- —
No. 2, bbls.....lb. .13½- —
No. 3, bbls.....lb. .12½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.40 - 1.45
Henna leaves, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .21 - .22
Heptane,[1] 50°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l.. Group 3.....gal. .29 - .55
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[1,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - .55
Hexanol, norm., dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots., oz.15.00 -25.00
Hoofmeal, 17-18% ammon., bulk, c.l., Chicago..unit-ton. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots.....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.29.00 -32.00
Hydrastinine, 10-gr. bots.....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, or West coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, divd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.50.00 -70.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic, cryst., No. 1, bbls..lb. .42 - —
No. 2, bbls.....lb. .34 - —
Extra, No. 1, bbls.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian)
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs.....lb. 1.28¾- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs.....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., divd..lb. .17 - —
l.c.l., divd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08½
solut., 42 be, cbys., works, frt. alld. or equald..lb. .05½- .06
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 3.30 - 3.40
cns., 25 lbs.....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
Naphthenate,[6] 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate,[2,5] 7.4% Fe, 100-lb. dms..lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .85 - .90
Isobutyl acetate,[6] dms., works.lb. No prices
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 4.05 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, same basis..lb. .11½- .12
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Ether, dms., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
tanks .....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .32 - .33
powd., bbls., bxs.....lb. .38 - .39
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .73 - .75

K

Kamala, cns.....lb. .45 - .50
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene, at refinery: Ark., 41-44 w.w., tanks..gal. .04½- —
Bayonne, 41-43 w.w., tanks... gal. .071 - —
Gulf ports, 41-43 w.w., tanks. gal. .04½- —
Okla.-Tex., 41-43 w.w., tanks. gal. .04¾- —
Penn., 45 w.w., tanks....gal. .065 - .0755
46 w.w., tanks.....gal. .0725- .07375
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Ladyslipper root, bls.....lb. 1.50 - 1.60
Lanolin (see Adeps lanae).
Lard,[1,6] pure, ref., trcs.....lb. .1522½- —
prime steam, trcs.....lb. .1448- —
Larkspur seed, bgs.....lb. 2.00 - 2.05
Laurel berries, bls.....lb. .25 - .26
Leaves, Cyprus, bls.....lb. .24½- .25
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .17 - .18
Turkish, bls.....lb. .29 - .30
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead, acetate,[1] white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] basic, powder, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l. .....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l. .....lb. .19 - .23
standard, powder, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l. .....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l. .....lb. .18½- .23½
½-lb. ctns., c.l.....lb. .21 - .25
l.c.l. .....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N.M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, bots.....lb. 2.80 - —
jars .....lb. 2.69 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal,[1,6] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks
Naphthenate, 24%-30% Pb, dms. lb. .14¼- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .23 - .28
Red, 95% Pb_3O_4 or less., bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc., lb. .10¾- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, kgs.....lb. .14 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10½- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala., lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
Resinate, precip.,[6] 23.3% Pb., dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb., dms.....lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Tallate, 10% Pb., dms.....lb. .06¼- —
Titanate, bgs., [illegible]
works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
dlvd. other points...lb. .08¼- —
l.c.l., dlvd. Ariz., etc...lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc.lb. .08 - —
other points.....lb. .07½- —

CAUSTIC POTASH — Liquid • Flake • Solid
Broken • Granular • Walnut

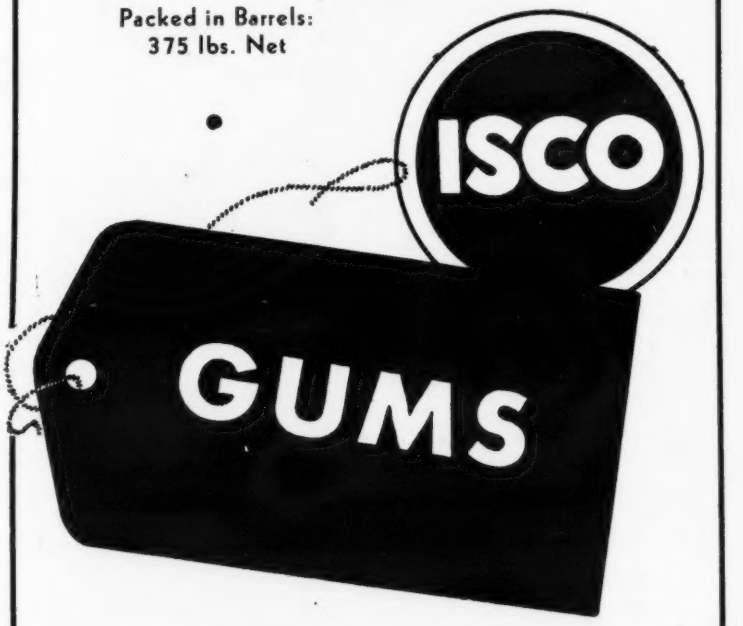
CAUSTIC SODA — Liquid • Flake • Solid

CARBONATE OF POTASH — Hydrated
Calcined • Liquid

FERRIC CHLORIDE — Lumps and Crystals

SODIUM SILICO FLUORIDE 98-100%
Uniform Quality • Prime White
Free Flowing

Packed in Barrels:
375 lbs. Net



ARABIC • KARAYA
LOCUST BEAN
TRAGACANTH

Imported directly by us
Refined in our Jersey City plant

INNIS, SPEIDEN & CO.
117 LIBERTY STREET • NEW YORK 6
BOSTON 10 • CHICAGO 10 • CINCINNATI 2
CLEVELAND 15 • GLOVERSVILLE • PHILADELPHIA 8

Lead, white, in oil, consumers, kgs.	lb.	.13¼ -	.13¾
dealers, kgs.	lb.	.11¼ -	.11¾
painters, kgs.	lb.	.12¼ -	.12⅝
Lecithin, edible, dms., c.l.	lb.	.25¼ -	—
l.c.l.	lb.	.26½ -	.45
in cocoa butter, dms., c.l.	lb.	.39½ -	—
l.c.l.	lb.	.40¾ -	.50
tech., dms., c.l.	lb.	.25¼ -	—
l.c.l.	lb.	.26½ -	.45
vegetable, pure, bots, 100 lbs.	lb.	2.75 -	—
Lemon peel, bls.	lb.	.30 -	.35
Licorice extract, mass, cns.	lb.	.25 -	.72
powd., bbls.	lb.	.60 -	.88
Root, Indian, bls.	lb.	.12 -	.14
powder, bbls.	lb.	.18 -	.20
Russian, bls.	lb.	.12 -	.13
Spanish, bls.	lb.	.12 -	.13
Turkish, bls.	lb.	.12 -	.13
Lignin extract, tanning grade, bgs., c.l., works.	lb.	.04 -	—
Lime, chemical (quicklime), lump, pebble, bulk: Adams, Mass.	ton.	8.00 -	—
Annville, Pa.	ton.	7.50 -	—
Bellefonte, Pa.	ton.	7.50 -	—
Berkley, W. Va.	ton.	7.50 -	—
Carey, Ohio.	ton.	7.00 -	—
Cedar Hollow, Pa.	ton.	8.50 -	—
Crab Orchard, Tenn.	ton.	6.25 -	—
Eagle Mountain, Va.	ton.	7.00 -	—
Farnams, Mass.	ton.	8.00 -	—
Gibsonburg, Ohio.	ton.	7.00 -	—
Hannibal, Mo.	ton.	6.50 -	—
Keystone, Ala.	ton.	6.25 -	—
Knoxville, Tenn.	ton.	6.25 -	—
Limedale, Ark.	ton.	7.00 -	—
Longview, Ala.	ton.	6.25 -	—
Manistique, Mich.	ton.	8.00 -	—
Martinsburg, W. Va.	ton.	7.50 -	—
Menominee, Mich.	ton.	8.00 -	—
Mitchell, Ind.	ton.	6.50 -	—
Newala, Ala.	ton.	6.25 -	—
Rincon, Cal.	ton.	13.00 -	—
Riverton, Va.	ton.	7.00 -	—
Ripplemead, Va.	ton.	7.00 -	—
Rockland, Me.	ton.	8.00 -	—
San Francisco, Cal.	ton.	13.00 -	—
Scioto, Ohio.	ton.	6.50 -	—
Springfield, Mo.	ton.	7.00 -	—
Woodville, Ohio.	ton.	7.00 -	—
York, Pa.	ton.	7.50 -	—
Hydrated, paper bgs., Adams, Mass.	ton.	9.00 -	—
Annville, Pa.	ton.	9.00 -	—
Bellefonte, Pa.	ton.	9.00 -	—
Berkley, W. Va.	ton.	9.00 -	—
Buffalo, N. Y.	ton.	10.00 -	—
Carey, Ohio.	ton.	8.50 -	—
Cedar Hollow, Pa.	ton.	10.00 -	—
Crab Orchard, Tenn.	ton.	9.00 -	—
Eagle Mountain, Va.	ton.	8.50 -	—
Farnams, Mass.	ton.	9.00 -	—
Gibsonburg, Ohio.	ton.	9.00 -	—
Hannibal, Mo.	ton.	9.00 -	—
Keystone, Ala.	ton.	9.00 -	—
Knoxville, Tenn.	ton.	9.00 -	—
Le Roy, Minn.	ton.	10.00 -	—
Lime Crest, N. J.	ton.	8.50 -	—
Limedale, Ark.	ton.	9.00 -	—
Manistique, Mich.	ton.	9.50 -	—
Marblehead, Ohio.	ton.	9.50 -	—
Martinsburg, W. Va.	ton.	9.00 -	—
Mitchell, Ind.	ton.	9.00 -	—
Newala, Ala.	ton.	9.00 -	—
Potoskey, Mich.	ton.	9.00 -	—
Port Island, Mich.	ton.	9.00 -	—
Rapid City, S. D.	ton.	12.00 -	—
Ripplemead, Va.	ton.	9.00 -	—
Rockland, Me.	ton.	9.00 -	—
San Francisco, Cal.	ton.	16.00 -	—
Springfield, Mo.	ton.	9.00 -	—
Woodville, Ohio.	ton.	9.00 -	—
York, Pa.	ton.	9.00 -	—
Spray, paper bgs., Adams, Mass.	ton.	10.00 -	—
Annville, Pa.	ton.	9.50 -	—
Bellefonte, Pa.	ton.	9.50 -	—
Carey, Ohio.	ton.	11.00 -	—
Farnams, Mass.	ton.	10.00 -	—
Gibsonburg, Ohio.	ton.	11.00 -	—
Lime Crest, N. J.	ton.	9.00 -	—
Marblehead, Ohio.	ton.	11.00 -	—
Rockland, Me.	ton.	10.00 -	—
Scioto, Ohio.	ton.	10.00 -	—
Woodville, Ohio.	ton.	11.00 -	—
York, Pa.	ton.	9.50 -	—
Lime salts (see Calcium).			
Lime-ammonia-nitrogen[3] 20.5% N. (see Ammonia nitrate-lime-stone).			
Linalool, cns.	lb.	7.25 -	8.00
Linalyl acetate, cns.	lb.	3.60 -	3.75
Linden flowers with leaves, bls.	lb.	.90 -	1.00
Linseed meal,[1] 34%, bulk, c.l.	ton.	45.00 -	—
32%, bulk, c.l.	ton.	43.00 -	—
Litharge, com'l, powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.08¼ -	—
other points.	lb.	.08 -	—
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.08¾ -	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼ -	—
Colo., Mont., N. Mex., Wyo.	lb.	.06 -	—
other points.	lb.	.08½ -	—
smaller lots, dlvd. Ala., etc.	lb.	.09¼ -	—
Ariz., etc.	lb.	.09¾ -	—
Colo., etc.	lb.	.09¼ -	—
other points.	lb.	.09 -	—
Lithium bromide, bbls., 100 lbs., works, frt. equald.	lb.	1.90 -	—
smaller lots, works.	lb.	1.92 -	1.95
Carbonate, NF, bbls., kgs.	lb.	1.25 -	1.80
Chloride, jars.	lb.	1.65 -	1.70
Cirate, bbls., dms., kgs.	lb.	1.40 -	1.45
Fluoride, bbls.	lb.	2.45 -	2.60
Hydroxide, jars.	lb.	1.25 -	1.40
Iodide, bots.	lb.	5.20 -	—
jars	lb.	5.05 -	—
Stearate, fib. dms., 3 tons, works.	lb.	.50 -	—
Lithopone,[1,4] ordinary, bgs., c.l. (20 tons).	lb.	.04¼ -	—
l.c.l.	lb.	.04½ -	—
bbls., c.l.	lb.	.04½ -	—
l.c.l.	lb.	.04¾ -	—
titanated,[4] (high-strength), bgs., c.l.	lb.	.0560 -	—
smaller lots.	lb.	.0585 -	—
bbls., c.l.	lb.	.0585 -	—
smaller lots.	lb.	.0610 -	—
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l. ex. whse. Pac. Cst., ½c. higher.			
Liverwort leaves, bls.	lb.	.85 -	.90
Lobelia herb, bls.	lb.	1.00 -	1.05
Lobeline sulphate, bots., wks.	oz.	25.50 -	38.00
Logwood, crystals, No. 1, bbls.	lb.	.28 -	—
No. 2, bbls.	lb.	.26 -	—
Extract, liquid, No. 1, bbls.	lb.	.14 -	—
No. 2, bbls.	lb.	.13 -	—
No. 3, bbls.	lb.	.12½ -	—
No. 4, bbls.	lb.	.10 -	—
solid, No. 1, bxs.	lb.	.23½ -	—
No. 2, bxs.	lb.	.21½ -	—
Lovage, American (ligusticum actae folium), root, bls.	lb.	1.20 -	1.50
Lupulin, NF, 1944 crop, tins.	lb.	16.00 -	17.00
Lycopodium, USP, cs.	lb.	2.00 -	2.25

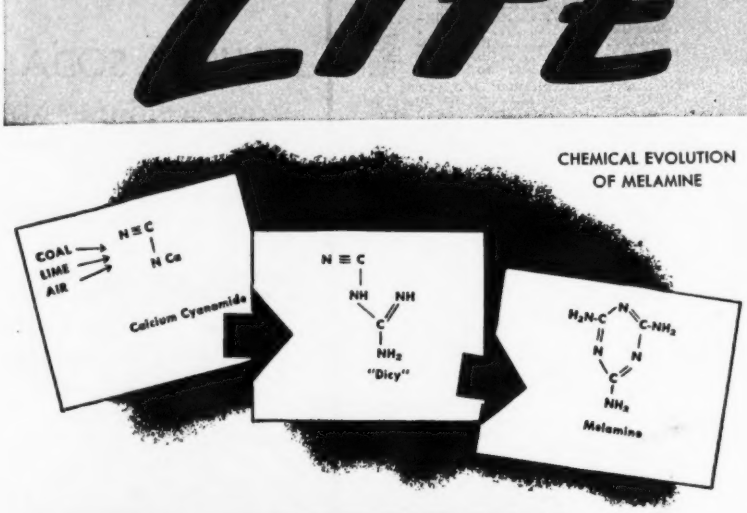
M

Mace,[1] Amboyna, cs.	lb.	.77	Nom.
Banda, cs.	lb.	.98	Nom.
West Indian, bgs.	lb.	.62	Nom.
No. 1, bgs.	lb.	.60	Nom.
broken, bgs.	lb.	.55	Nom.
Madder, Dutch, bbls.	lb.	.24 -	.30
Magnesia arsenate,[1,6] dms.	lb.	.153 -	.18
Calcined, tech., USP, bbls., works.	lb.	.20 -	—
Carbonate, tech., bgs., c.l., Zone 1.	lb.	.06¼ -	—
l.c.l., Zone 1.	lb.	.07¼ -	—
bbls., c.l., Zone 1.	lb.	.07½ -	—
l.c.l., Zone 1.	lb.	.08½ -	—
kgs., c.l., Zone 1.	lb.	.08¾ -	—
l.c.l., Zone 1.	lb.	.09¾ -	—
USP, bgs., c.l., Zone 1.	lb.	.08 -	—
l.c.l., Zone 1.	lb.	.09 -	—
bbls., c.l., Zone 1.	lb.	.08½ -	—
l.c.l., Zone 1.	lb.	.09½ -	—
kgs., c.l., Zone 1.	lb.	.09¾ -	—
l.c.l., Zone 1.	lb.	.10¾ -	—

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Chloride, anhyd., bbls., dlvd.	lb.	.12¾ -	—
flake, bbls., c.l., works.	ton.	32.00 -	—
l.c.l., works.	ton.	39.00	-42.00
Fluoride, bbls.	lb.	.20 -	.21
Hydroxide, medicinal, bbls., dms., kgs.	lb.	.29 -	.30
Hypophosphite, cns.	lb.	1.45 -	—
Laurate, bbls.	lb.	.33 -	.35
Oxide (see Magnesia, calcined).			
Peroxide, 15%, dms., works.	lb.	1.00 -	1.35
Magnesia phosphate, tribasic, USP, bbls.	lb.	.60 -	—
Silicate (see Talc).			
Silicofluoride, bbls.	lb.	.08 -	.09
Stearate, ctns.	lb.	.31 -	.32
Sulphate (see Epsom salt).			
Trisilicate, dms., 1,000-lb. contracts.	lb.	.37 -	—
smaller lots.	lb.	.42 -	—
Magnesite, cal., powd., bags, mines, Calif.	ton.	58.75 -	—
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash.	ton.	22.00	-32.00
Maleic anhydride,[6] dms., c.l.	lb.	.25 -	—
l.c.l.	lb.	.26 -	—
Malva flowers, black, bls.	lb.	No stocks	
blue, bls.	lb.	No stocks	
Leaves, bls.	lb.	.38 -	.40
Manaca root, bls.	lb.	.23 -	.24
Mandrake root, bls.	lb.	.23 -	.25
Manganese acetate, dms.	lb.	.25½ -	—
Arsenate,[6] bgs.	lb.	.12 -	.12¾
Borate, tech., bbls.	lb.	.16 -	.18
Carbonate, bbls.	lb.	.19 -	—
Chloride, anhyd., bbls.	lb.	.15 -	.18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works.	ton.	74.00 -	—
smaller lots, works.	ton.	77.00	-82.00
Caucasian, 85-90%, bbls., c.l., works.	ton.	74.00 -	—
smaller lots, works.	ton.	77.00	-82.00
burlap bgs., c.l., works,	ton.	71.75 -	—
l.c.l., works.	ton.	74.75	-79.75
paper bgs., c.l., works.	ton.	70.00 -	—
l.c.l., works.	ton.	73.00 -	—
Glycerophosphate, bgs., bbls., 1,000-lb. lots.	lb.	3.05 -	—
100-lb. lots.	lb.	3.15 -	—
cns., 25 lbs.	lb.	3.27 -	—
Hydrate, bbls., dlvd.	lb.	.26 -	—
Manganese iodide, bots.	lb.	5.70 -	—
jars	lb.	5.55 -	—
Linoleate, liquid, 4%, dms.	lb.	.20 -	—
solid, precip., 8.2%, bbls.	lb.	.22 -	—
Naphthenate, 6% Mn, dms.	gal.	.16 -	—
Resinate, fused, 3½%, bbls.	lb.	.09 -	.10½
precip., dms.	lb.	.14½ -	.15½
Soyate, 8.2% Mn, dms.	lb.	.22 -	—
Sulphate, anhyd., dms., works,	lb.	No stocks	
feed grade, 77-80%, bgs.	lb.	.04 -	.05
fertilizer grade, 65%, bgs., c.l., dlvd. East.	ton.	59.50 -	—
l.c.l., same basis, or Balto. or Cincinnati.	ton.	68.50 -	—
industrial grade, 80%, bgs.	lb.	.05 -	.05¾
Tallate, 4% Mn, dms.	lb.	.09 -	—
Mangrove bark, E. Afr., bgs.	ton.	65.00	-66.00
Manna, flake, cs.	lb.	No stocks	
Mannitol,[6] com'l, bbls., works.	lb.	.35 -	.40
reagent, cs. or multiples, works.	lb.	.85 -	—
Marjoram, Argentine, bls.	lb.	.23½ -	.24
California, French type, bls., Pacific coast.	lb.	.35 -	.36
Chilean, bls.	lb.	.19 -	.19½
Matico leaves, bls.	lb.	.22 -	.29
Menadione, USP, bots.	gram.	.10 -	—
Menthol, natural, USP, cns.	lb.	9.75 -	10.00
synthetic, tech., cns.	lb.	5.00 -	6.00
USP, laevo, cns.	lb.	13.00 -	—
racemic, cns.	lb.	8.60 -	9.15
Menthyl salicylate, tins.	lb.	3.00 -	3.10
Mercurial ointment, USP, mild, 10%, tubs.	lb.	.70 -	.72
30%, pails.	lb.	1.23 -	1.34
50%, pails.	lb.	1.69 -	1.71
Mercury bichloride[3] (see Corrosive sublimate).			
Bisulphate,[3] dms.	lb.	2.45 -	2.47
Chloride,[3] (see Calomel).			

LIFE On The



(*Above*) **PAPER AND PAPER BOARD** treated with PA 607 and other melamine resins have new wet dry strength, enabling paper to be used for m new and important purposes.

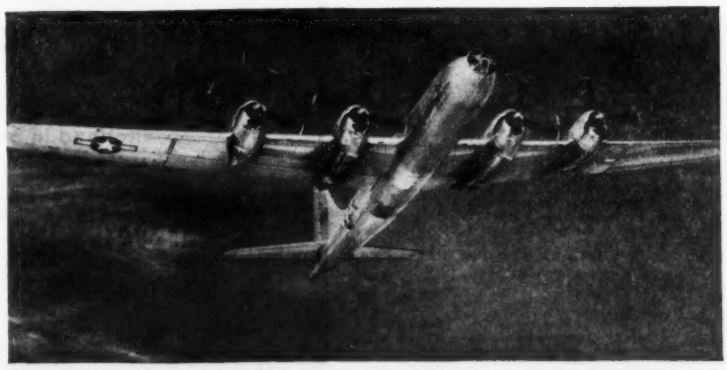
(*Above*) **MELMAC RESINS** for enamels, lacquers, paints, and varnishes, make possible surface coatings which are harder, more durable, and which retain their color and gloss longer.

MELAMINE MIRACLES FOR PAINT, PLASTIC PAPER, TEXTILES, LEATHER AND WATER

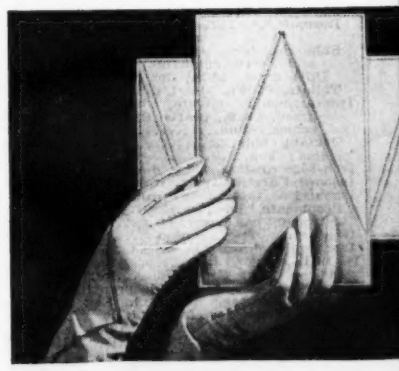
One of the most amazing chemical achievements of our time is development of melamine . . . from a rare and little used chemical to one that is now on every fighting front . . . and one that set new standards for products in many industries.

After years of research and experimentation, Cyanamid bo the production of melamine on a commercial scale in 1939. To Cyanamid is the largest producer of melamine in the world provides America with her major source of supply.

In various compounds, melamine has performed miracles in m fields. In the form of plastics, Cyanamid's MELMAC* molding terials have opened new fields for plastics because of their unu stability, heat and arc resistance, and dielectric strength. MEL resins have made possible faster baking enamels which are har more resistant and more durable. In the form of TANAK* MR other melamine syntans, it has improved leather. PAREZ* 607 other melamine resins have given new wet and dry strength to pa LANASET* resin is the first product in use for satisfactory shrinkage control. IONAC** resins in Filt-R-Stil** equipment made possible demineralized water for industry. PERMEL* resins achieved spot proofing and water repellency for textiles, AEROTE M-3 resin crease proofing and fiber stabilization. The comp story of Cyanamid's melamine is now available in the boo *"Melamine . . . a Miracle Maker."* A copy will be sent on req



(*Above*) **MELMAC PLASTIC** parts, such as distributor heads, circuit breakers and relays, condenser housings, and harness parts make high altitude flying feasible.



(*Above*) **WHITER LEATHER,** new fullness, and other ning advantages are imparted by TANAK M

Mercury cyanide,[2] cryst., powd..lb. 2.72 - —
Iodide,[2] red, NF, dms., kgs..lb. 4.38 - —
yellow, fib. dms., kgs.....lb. 4.48 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 3.07 - 3.09
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] ctns.....lb. 1.66 - 1.71
dms. .....lb. 1.59 - 1.61
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,8,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .62 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.

synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —

Methanol, synthetic, tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utan, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., dlvd..lb. .0750- —
l.c.l., dlvd.....lb. .0875- .0975
smaller cont., dlvd.....lb. .1475- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .1150- —
l.c.l., 10-dm. lots, dlvd...lb. .1275- .1375
smaller cont., dlvd.....lb. .1875- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —

Methyl acetoacetate, dms., c.l., works, frt. alld..lb. .30½- —
Acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone prices W. of Miss. R., 3c. per gal. higher.
Group B, dms. extra, c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Acetone, synthetic, dms., c.l., Zone 1..gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —

Methylacetone, synthetic, dms., l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl alcohol (see Methanol).
Anthranilate, bots, 100-lb. lots, lb. 2.20 - 2.50
25-lb. lots.....lb. 2.35 - 2.65
Benzoate,[6] cns.....lb. .55 - 1.00
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. .30 - .33
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs.100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½ - —
Methylnaphthyl ketone, cns...lb. No stocks
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .22½
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works..ton.40.00 - —
l.c.l., works.....ton.43.50 - —
roofing, 20 mesh, bgs., c.l., works..ton.27.50 - —
l.c.l., works.....ton.32.50 - —
30-31 mesh, bgs., c.l., works, ton.27.50 - —
l.c.l., works.....ton.32.50 - —
40-45 mesh, bgs., c.l., works, ton.27.50 - —
l.c.l., works.....ton.32.50 - —
80 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., works.....ton.38.00 - —
graphitic, bulk, Pa. mines.ton.75.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04 - —
l.c.l., ex whse., or frt. alld. E..lb. .04¼- —
extra fine, bgs., c.l., works, frt. alld. E..lb. .03¾- —
l.c.l., ex whse. or frt. alld. E..lb. .04¼- —
paint or lacq., bgs., c.l., worsk, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
rubber, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse. or frt. alld. E..lb. .05 - —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .05¾- —
l.c.l., ex whse. or frt. alld. E..lb. .06½- —

Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, 1c. higher.

Milk powder,[1] skimmed, roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bulk, Zone A.....lb. .14½- —
Zone B.....lb. .14¾- —
whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —

Skimmed milk powder zones are:—B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I., and Vt.; A, all other States.

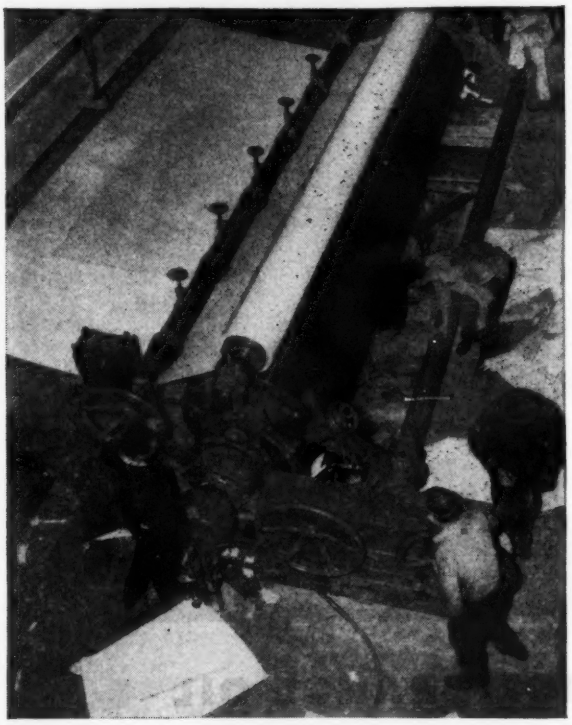
Milk sugar,[1] bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2.....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
Area 5.....ton.34.60 - —

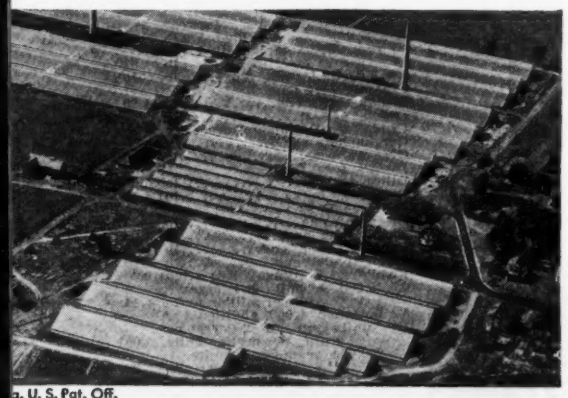
Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif.; Area 4, Colo., Idaho., Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[5] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —

Chemical Newsfront

(Above) **ONE BITE OF THIS HUGE DRAGLINE** and 25 cubic yards of earth ve been moved in this coal mining operation. In strip mining, top layer of earth above the coal seam is loosened with high losives. Often overburdens 50 feet deep, 80 feet long, and more n 200 feet across, are "shot" down and loosened into easily adled material in one multiple blast. A special line of industrial losives, developed by Cyanamid for such operations, is one of the tors that has made possible the economical production of more n 65 million tons of coal in 1942 and over 76 million in 1943.





g. U. S. Pat. Off.

(*Above*) **PAPERS WITH SUPERIOR WATER RESISTANCE,** increased pliability and improved printing qualities are now being produced through a "combination" sizing procedure using wax size with rosin size. Although the current shortage of critical rosin sizes has made this partial substitution of wax size necessary, in many grades it has resulted in improved paper quality. Cyanamid's ALWAX** and WAXINE* Sizes, used with rosin size, produce paper with superior water-resistant qualities, improved creasing, scoring, folding, and crimping qualities, and better printing qualities.

(*Left*) **KEEPING GREENHOUSES FREE OF INSECT PESTS** is a constant problem which has been successfully and economically solved by regular fumigation with Cyanamid's CYANOGAS* G-Fumigant. The L. B. Coddington Co., Inc., at Murray Hill, N. J., growers, hybridizers, and leading specialists in choice roses, have been using this insecticide since it was put on the market some 20 years ago. They report that through the regular use of CYANOGAS their stock is kept practically clean of thrip, aphis, and other insect pests.

**Trade Mark

American Cyanamid & Chemical Corporation
A Unit of American Cyanamid Company
30 ROCKEFELLER PLAZA · NEW YORK 20, N. Y.

Monobutylamine, dms., c.l., works, basis 100%..lb. .42 - —
l.c.l., works, basis 100%, lb. .51 - —
Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works..lb. .07 - .09
Monoethanolamine,[6] dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis..lb. .25 - —
tanks, same basis..lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .43 - —
l.c.l., works, basis 100%..lb. .46 - —
Monoethylanilin, dms..lb. .47 - —
Monomethylamine, dms..lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs..oz. 11.10 - —
cns., 25 ozs..oz. 10.90 - —
Acetate, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs..oz. 8.80 - —
Hydrobromine, 5 ozs..oz. 8.95 - —
cns., 25 ozs..oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs..oz. 8.80 - —
Sulphate, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs..oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works..lb. .75 - —
Mullein leaves, cns..lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz. No stocks
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.10
25 lbs..lb. 4.10 - 9.10
5 lbs..lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs..lb. 4.25 - 9.35
5 lbs..lb. 4.40 - 9.70
Musk, synth., xylol, cns., 100 lbs. or more..lb. 1.40 - 2.00
25 lbs..lb. 1.50 - 2.60
5 lbs..lb. 1.65 - 2.90
Muskroot, bls..lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .16½- .17
yellow, bgs..lb. .13 - .13½
Montana, brown, bgs..lb. .0725- .0775
oriental, bgs..lb. .0640- .0680
yellow, bgs..lb. .1450- .1500
Washington, yellow, bgs..lb. .14¼- .14¾
Myrobalans,[6] J1, bgs..ton. *56.00 -57.00
crushed..ton. *68.00 -70.00
J2, bgs..ton. *47.00 -49.00

* Marine insurance extra and for buyer's account.

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis..lb. .031 - —
tanks, same basis..lb. .0275- —
78°, bgs., c.l., same basis..lb. .0325- —
bbls., c.l., same basis..lb. .0335- —
tanks, same basis..lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis..lb. .08¼- —
1-lb. pkgs., same basis..lb. .08¾- —
Neocinchophen, USP, dms..lb. 7.00 - 7.10
Nephenlinesyenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton. 12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton. 15.50 - —
Nephelinesyenite in bgs. is priced $2 per ton above the bulk quotations.
Neroline, cryst., cns...lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls..lb. .36 - .36½
Chloride,[6] bbls..lb. .18 - .20
Cyanide,[6] bots., dms..lb. No stocks
Oxide,[6,5] black, bbls..lb. .35 - .38
Salt,[6,5] bbls..lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. alldwed over 96 lbs..lb. .8660- —
tins, 10 lbs..lb. 1.015 - —
Nicotinamide,[6] USP, dms..kilo. 13.25 -13.55
Nikethamide, bots., cbys..lb. 17.00 -18.00
Nitercake, bulk, works..ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l..lb. .09 - —
tanks..lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., l.c.l., works, dry weight..lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., l.c.l., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., l.c.l., works, dry weight..lb. .25 - —

Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.

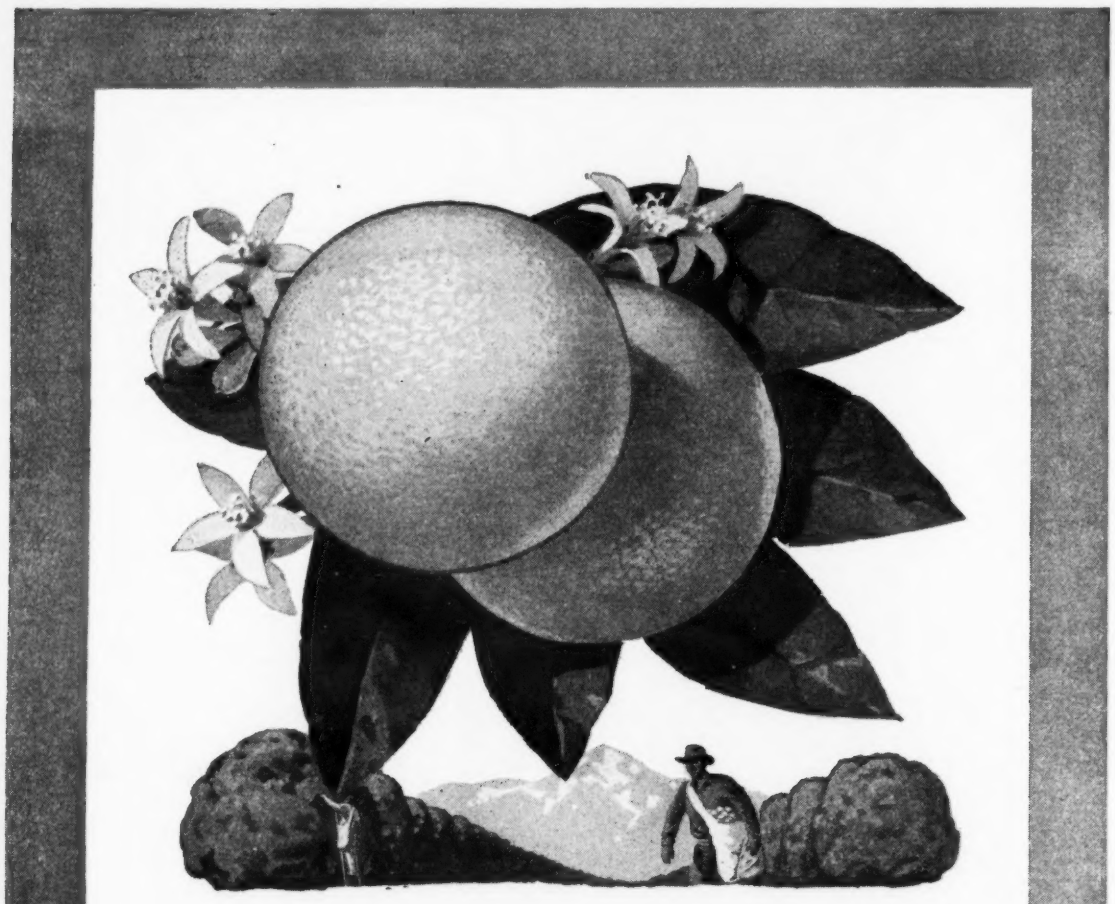
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen solut.,[6] tanks..ton N. 108.21 - —

Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.

Nitrogenous process tankage,[1] bulk, works..unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40 - -3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots..lb. .24 - .25
Nitropropane I, dms., works..lb. .25 - —
II, dms., works..lb. .25 - —
Nutgalls,[6] Aleppo, bgs..lb. No stocks
Chinese, bgs..lb. No stocks
Nutmegs,[1] West Indian, No. 1, futures..lb. .34¼- .34¾
Nux vomica, bls..lb. .08½- .09
powder, bbls., bxs..lb. .12 - .13

O

Oakbark extract,[1,6] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100°C-140°C, industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3..gal. .20 - —
10 gals., G.3..gal. .55 - —
tanks, G.3..gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
bitter, F.P.C., bots..lb. 5.25 - 5.50
USP, bots..lb. No prices
Sweet, exp., dms., cns..lb. 1.32 - 1.50
Angelica root, bots..lb. 125.00 -140.00
Seed, bots..lb. No stocks
Anilin (see A).
Anise, USP, Russian, cns..lb. 4.00 - 4.25
Apricot kernel, cns..lb. .45 - .55
Avocado, cns., dms..lb. 1.05 - 1.25
Babassu,[1,5] tanks..lb. .1110- —
Bay, W. I., 50-55%, cns..lb. 1.50 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns..lb. 2.25 - 4.25
natural, Brazilian, cns..lb. 10.00 -10.25
Italian, cns..lb. 11.00 Nom.
Birch (see Oil, sweet birch).
Birchtar, crude, cns..lb. No stocks
rectified, cns..lb. No stocks
Bois de rose, Brazil, cns..lb. No stocks
Mexican (see Oil, lignaloe wood).
Bone, dms., works..gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms..lb. 2.25 Nom.
redistilled, USP X, cns..lb. 2.40 Nom.
Calamus, cns..lb. 22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns..lb. No stocks
Cananga, native, cns..lb. 12.75 -14.00
rectified, cns..lb. 15.00 -17.50
Capsicum (see Capsicum, oleoresin).
Caraway, N.F., cns..lb. 17.00 -20.00
Cardamom, bots..lb. 18.00 -20.00
Cassia, USP, cns..lb. No stocks
Castor,[1] blown, ret., dms., c.l., lb. .15¼- —
l.c.l..lb. .16 - —
cold pressed, USP, bbls., c.l., lb. .14 - —
l.c.l..lb. .14½- —
cns..lb. .15¾- .17¾
dms., c.l..lb. .13¾- —
l.c.l..lb. .14½- —
tanks..lb. .13 - —
dehyd., bodied, dms., c.l..lb. .1790- —
l.c.l..lb. .1830- —
tanks..lb. .1750- —
unbodied, dms., c.l..lb. 16.90 - —
tanks..lb. .1650- —
No. 3, tech., bbls., c.l..lb. .13¾- —
l.c.l..lb. .14¼- —
dms., c.l..lb. .13½- —
l.c.l..lb. .14¼- —
tanks..lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .69½- .69¾
l.c.l..lb. .10½- .11
75% (63% fat), dms., c.l..lb. .11¾- .12
l.c.l..lb. .12¾- .13
80% (68% fat), dms., c.l..lb. .12¾- .12½
l.c.l..lb. .13¼- .13½
Cedarleaf,[1] USP, cns., dms..lb. 2.60 - 2.85
Cedarwood, dms..lb. .90 - 1.25
Celery, bots..lb. 18.50 -22.00
Chaulmoogra, USP, cns..lb. .70 - .75
Chinawood (see Oil, tung).
Cinnamon bark, bots..lb. 32.50 -35.00
leaf, dms..lb. 1.50 - 1.85
Citronella, Ceylon, cs..lb. 1.00 - 1.05
Java, cns..lb. No stocks
Clove, USP, cns..lb. 1.70 - 1.75
Coconut,[1,6] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0885- —
Cochin type, bulk, c.i.f. N. Y..lb. .0935- —
Manila, bulk, c.i.f. N. Y..lb. .0835- —
ret. dms..lb. .0885- .0985
edible, ex tax, dms..lb. .0985- —
Cod, Newfoundland, dms..gal. .85 - .88
tanks..gal. .82 - .83
Codliver,[6] USP, bbls., dms..gal. .240 - 2.50
Coriander, bots..lb. 30.00 -35.00
Corn,[1,6] crude, tanks, works..lb. .12¾- —
edible, dms., l.c.l..lb. .16¼- .16½
tanks..lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
Cottonseed,[1,6] cooking, l.c.l., ret. dms..lb. .16¼- —
crude, tanks, works..lb. .12½- .13¼
foots, acid, 95%, tankcar, dlvd. E..lb. .07⅝- —
raw, 50%, tanks, dlvd. E., lb. .03⅝- —
salad, l.c.l., ret. dms..lb. .16½- —
Creosote (see C).
Croton, NF, cns..lb. 4.00 - 4.25
Cubeb, cns..lb. No prices
Crude (see Petroleum, crude).
Cumin, bots..lb. No stocks
Cypress, bots..lb. 5.00 -12.00
Degras (see D).
Dillseed, bots..lb. 10.00 Nom.
Dillweed, bots..lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns..lb. 2.25 - 2.40
Eucalyptus, cns..lb. 1.00 - 1.20
Fennel, sweet, cns..lb. 4.50 Nom.
Fir, Canada, cns..lb. 2.50 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram.. per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - —
200,000 or more A units.. per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen)
Geranium, Algerian, cns..lb. 14.00 -15.00
Bourbon, cns..lb. 14.00 -15.00
Russian, cns..lb. 15.50 - —
Turkish (see Oil, palmarosa).
Ginger, dist., bots..lb. 20.00 -22.50
Grapefruit, cns..lb. 2.15 - 2.20
Guaiacwood, cns..lb. 3.75 - 4.00
Hemlock, cns..lb. 2.65 - 3.34
Herring,[1] crude, tanks, Pac. coast..lb. .089 - —
Juniper berries, dom., bots..lb. 10.00 -15.00
Juniper tar, USP (see Juniper Tar).
Junper wood, tech., cns..lb. 1.00 - 1.25
Lard,[1,6] com., No. 1, bbls., c.l., lb. .14 - —
extra, No. 1, bbls., c.l..lb. .14½- —
Winter strained, bbls., c.l., lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l..lb. .15½- —
Laurel, bots..lb. No prices
Lavandin, cns..lb. No stocks



EXCHANGE ORANGE OIL

First in America for Orange Flavor

Give it all your tests for *quality, uniformity,* and *strength.* The results speak for themselves! You'll find Exchange Oil of Orange puts more *real orange flavor* in your products than any other orange oil.

Because it's made only of fruit from the "Sunkist" groves of California...in the largest orange products plant in the world...accepted and reordered by men and women who know orange flavor.

Copyright, 1945, California Fruit Growers Exchange, Products Dept.

Distributed in the United States exclusively by

DODGE & OLCOTT COMPANY
180 Varick Street, New York, N. Y.

FRITZSCHE BROTHERS, INC.
76 Ninth Avenue, New York, N. Y.

Distributors for:
CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIF.

Producing Plant:
THE EXCHANGE ORANGE PRODUCTS CO., ONTARIO, CALIF.

Exchange
OIL OF
ORANGE
U. S. P.

Oil, lavender flower, French, cns., lb.	No prices	
Russian, cns. lb.	11.00	-11.50
Spike, Spanish, pure, cns. lb.	3.50	- 4.00
tech., cns. lb.	2.75	- 3.00
Lemon, natural, USP, Calif., cns. lb.	3.25	- —
Messina,[1] cns. lb.	3.25	- —
Terpeneless, bots. lb.	55.00	-60.00
Lemongrass, cns., dms. lb.	2.00	- 2.25
Lignaloe seed, Mexican, cns. lb.	No stocks	
wood, Mexican, cns. lb.	3.75	- 4.00
Brazilian(see Bolse de Rose.		
Lime, dist., Jamaica, cns. lb.	7.25	- 7.50
Mexican, cns. lb	7.00	- 7.50
expressed, Jamaica, cns. lb.	12.50	-13.50
Linseed,[1,6] raw, dms., c.l. lb.	.1550-	—
l.c.l. lb.	.1600-	.1660
tanks lb.	.1470-	—
tankwagon lb.	.1470	—
Boiled linseed oil, .004 higher than raw.		
Linseed replacement, dms., c.l., lb.	.1305-	.1550
tanks lb.	.1270-	.1470
Lubricating,[1] at refinery, extax, California, neutral, pale, 200-800 vis., 2¼-4 pour, tanks. gal.	.07¼-	.11
red, 200-900 vis., 4-6½ pour, plus tanks. gal.	.07¼-	.11⅛
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks. gal.	.25	- —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks. gal.	.14½-	.18
200-280 vis., No. 3, col., 15-25 pour, tanks. gal.	.15	- .17⅛
Pa., bright stock, 140-150 vis., No. 8 color, 10-25 pour, tanks. gal.	.24	- .30½
cylinder oils, 600-630 flash, tanks. gal.	.16	- .17
600-650, steam refd, tanks. gal.	.15	- .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks. gal.	.27	- .31
200 vis., 25 pour, tanks gal.	.28	- .33
Mace, dist., cns., dms. lb.	5.00	- 5.25
Mandarin, Brazilian, cns. lb.	8.75	- 9.00
Menhaden,[1,5] crude, tanks, Balto. lb.	.0890-	—
refined, alkali, dms., l.c.l. lb.	.1400-	—
kettle-bodied, dms., l.c.l. lb.	.1500-	—
light-pressed, dms., l.c.l. lb.	.1300-	—
tanks lb.	.1225-	—
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, cns. lb.	No stocks	
Seed,[6] exp., dms., extra, l.c.l., lb.	.14¾-	—
Neatsfoot,[1,3] 15°, bbls., c.l. gal.	1.90	- —
20°, bbls., c.l. gal.	1.90	- —
30°, bbls., c.l. gal.	1.60	- —
pure, bbls., c.l. lb.	.15½-	.16
Neroli, bots. lb.	200.00	-300.00
Nutmeg, dist., cns., dms. lb.	5.00	- 5.25
Oiticica, liquid, dms. lb.	.24	- —
Oleo,[1] extra, dms., Chicago. lb.	.1304-	—
prime, dms., Chicago lb.	.1275-	—
Olibanum, bots. lb.	5.00	- —
Olive, denat., dms. gal.	No stocks	
edible,[1] Calif., 3%-½% f.f.a., dms., extra, works. gal.	4.30	- 4.80
imported, dms gal.	No stocks	
foots, dms. lb.	No stocks	
sulphonated, 50% (40% fat), dms., c.l. lb.	No stocks	
l.c.l. lb.	No stocks	
80% (68% fat), dms., c.l. lb.	No stocks	
l.c.l. lb.	No stocks	
85% (68% fat), dms., c.l. lb.	No stocks	
l.c.l. lb.	No stocks	
Orange, sweet, dist., cs. lb.	1.25	- —
expressed, USP, Brazilian, cns. lb.	1.40	- 1.45
Calif., cns. lb.	1.75	- 2.00
Florida, cns., dms. lb.	1.40	- 1.45
Messina, coppers. lb.	No stocks	
West Indian, cns. lb.	3.75	- 4.00
sequiterpeneless, bots. lb.	100.00	-112.00
Origanum, Spanish, cs. lb.	2.40	- 2.75
Palm,[1,5] Niger, dms. lb.	.0865-	—
Palmarosa, cns. lb.	5.50	- 5.75
Palmkernel, crude, bulk, c.i.f. N. Y. lb.	.0835	Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3. gal.	.05¾-	.08½
320° flash, 60-70 vis., tanks, same basis. gal.	.08	- —
350° flash, 70-80 @ 100 vis., 0/10 pour. gal.	.08	- —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y. gal.	.09½-	—
100-110 vis., 0/10 pour, same basis. gal.	.08½-	.15
10/25 pour, same basis. gal.	.08¼-	.09¾
Patchouli, cns. lb.	20.00	Nom.
Peanut,[1,6] bleached, deod., tanks, dlvd. E. lb.	.1501-	—
crude, tanks, works lb.	.12⅝-	.13⅞
foots, acid, 95%, tanks, dlvd. E. lb	.08	- —
raw, 50%, tanks, dlvd. E. lb.	.04	- —
hydrogenated, tanks, dlvd. E., lb.	.1573-	.1578
Pennyroyal, dms., cns. lb.	No prices	
import, cns. lb.	No prices	
Peppermint, natural, dms. lb.	7.50	- —
redist., USP, dms. lb.	8.05	- 8.22
Perilla, crude, dms lb.	No stocks	
Petitgrain, Paraguay, cns., dms., lb.	1.85	- 2.00
Pimento, berry, dms. lb.	8.00	- 8.25
Leaf, cns. lb.	4.35	- 4.50
Pine,[1,6] ret. dms., c.l., dlvd. E., gal.	.63	- .63½
l.c.l., dlvd. E. gal.	.73	- —
tanks, works gal.	.55	- —
Pineneedle, cns. lb.	3.10	- 3.15
Putty,[2] bbls., E. Segundo, Richmont., Cal. gal.	.22½-	—
contracts gal.	.19½-	—
dms., c.l., Whiting, Ind. gal.	*.34	- —
Boston, Providence. gal.	.25	- —
l.c.l., same basis gal.	.27	- —
tanks, same basis gal.	.18	- —
Martinez, Cal. gal.	.28	- —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,6] bulk, New Orleans, lb.	.1156½-	—
Red,[1,3] dist., ret. dms., dlvd. lb.	.13¼-	.14¼
tanks, dlvd lb.	.12½-	—
double dist., ret. dms., dlvd., lb.	.15⅞-	.16⅞
saponified, ret. dms., dlvd., lb.	.15⅞-	.16¼
Rose, natural, coppers oz.	No stocks	
Rosemary, Spanish, cns., dms., lb.	1.60	- 2.00
Rosin, 1st rectified, dms. gal.	.66	- —
2nd rectified, dms. gal.	.68	- —
3rd rectified, dms. gal.	.72	- —
Rue, bots. lb.	8.25	Nom.
Sage, Spanish, cns. lb.	3.60	- 5.00
Sandalwood, NF, cns. lb.	6.75	- —
Mysore, cns, case lots. lb.	7.00	- 7.25
Sardine, crude,[1,5] tanks, Pac. coast. lb.	.080	- —
refined, alkali, dms., l.c.l. lb.	.1400-	—
kettle-bodied, dms., l.c.l. lb.	.1500-	—
light-pressed, dms., l.c.l. lb.	.1300-	—
tanks lb.	.1225-	—
Sassafras, artif., cns. lb.	1.00	- 1.40
natural, cns., dms. lb.	1.90	- 2.00
Oil, savin, cns. lb.	No stocks	
Savory, cns. lb.	8.00	- —
Seal,[1] No. 1, tanks, Am. ports, lb.	.080	- —
Sesame,[1,5] tanks lb.	.1430-	—
Shingle stain, bbls., c.l., works, gal.	.2185-	—
l.c.l., works gal.	.23	- .29
tanks, works gal.	.15	- .18
Snakeroot, Canada, cns. lb.	No stocks	
Soybean,[1,5] clarified, dms. lb.	.1296-	.1335
tanks lb.	.1256-	—
crude, tanks, Decatur lb.	11.75	- —
deod., Winter, tanks lb.	.1393-	—
ret. dms. lb.	.1500-	.1540
foots, acid, 95%, tanks, dlvd. E. lb.	.07½-	—
raw, 50%, tanks, dlvd. E. lb.	.05½-	—
refd., varnish, dms. lb.	.1386-	.1400
tanks lb.	.1340-	.1347
Spearmint, dms. lb.	4.00	Nom.
Sperm, bleached, 38°, dms. lb.	.1443-	—
natural, 45°, dms. lb.	.1310-	—
Spruce,[1] cns., dms. lb.	2.65	- 3.34
Sunflower,[6] imp., ref., tanks. lb.	.1438-	—
semi-refined, tanks. lb.	.1430-	—
Sweet birch, North, cns. lb.	4.00	- 5.00
South, cns. lb.	2.50	- 3.75
Tall, crude, dms., c.l., works. ton.	53.65	-55.00
l.c.l., works ton.	58.65	-63.65
tanks, works ton.	40.00	-45.00
refined, dms., c.l., works lb.	.05	- .05¼
l.c.l., works lb.	.05½-	—
tanks, works lb.	.04½-	—
Tallow,[2,6] acidless, bbls. lb.	.14¼-	—
tanks lb.	.13¾-	—
Tansy, cns. lb.	No prices	
Tar,[1] pine, crude, dms., c.l., dlvd. E. cities. gal.	.32¾-	—
l.c.l., works gal.	.29¾-	—
tanks, dlvd. E. cities. gal.	.27	- —
rectified, USP, bbls. gal.	.60½-	—
Tar acid (see T).		
Oil, thyme, NF, red, cns. lb.	2.50	- 3.50
white, cns. lb.	2.65	- 4.00
Tung,[1] dms., c.l. lb.	.39	- .39½
l.c.l. lb	.40	- .41
tanks lb.	.38¾-	—
Turkey red (see Oil, castor, sulphonated).		
Turpentine, rectified, USP, cns., dms. lb.	.25	- —
Vetiver, Bourbon, bots. lb.	27.00	-30.00
Whale,[5] ref., natural, dms. lb.	.1187	Nom.
winter bleached, dms. lb.	.1232	Nom.
Wheat germ, dms. gal.	10.00	-13.50
White mineral, tech., 50-65 vis., dms., c.l. gal.	.34	- —
l.c.l. gal.	.40	- .43
65-75 vis., c.l. gal.	.34	- —
l.c.l. gal.	.40	- .43
USP, 80/90 vis., dms., extra, c.l. gal.	.27	- —
l.c.l. gal.	.43	- .46
95/105 vis., dms., c.l. gal.	.41½-	—
l.c.l. gal.	.47½-	.50½
125/135 vis., dms., c.l. gal.	.46	- —
l.c.l. gal.	.52	- .55
145/155 vis., dms., c.l. gal.	.48	- —
l.c.l. gal.	.54	- .57
175/185 vis., dms., c.l. gal.	.51½-	—
l.c.l. gal.	.57½-	.60½
200/210 vis., dms., c.l. gal.	.54	- —
l.c.l. gal.	.60	- .63
320/330 vis., c.l. gal.	.60	- —
l.c.l. gal.	.66	- .69
335/345 vis., dms., c.l. gal.	.61	- —
l.c.l. gal.	.67	- .70
55, 70 and 85 vis., ret. dms., 65 dms., San Francisco. gal.	.40	- —
smaller lots, same basis. gal.	.42	- .45
100 vis., 65 dms., San Francisco. gal.	.49½-	—
smaller lots, same basis. gal.	.51½-	.54½
Oil, white mineral, USP, 145 vis., 65 dms., San Francisco. gal.	.57	- —
smaller lots, same basis. gal.	.59	- .62
180 vis., 65 dms., San Francisco. gal.	.60½-	—
smaller lots, same basis. gal.	.62½-	.65½
340 vis., 65 dms., San Francisco. gal.	.72	- —
smaller lots, same basis. gal.	.74	- .77
Wintergreen, natural, North, cns. lb.	6.50	- 8.50
South, cns. lb.	4.00	- 4.25
synthetic (see Methyl salicylate).		
Wood (see Oil, tung).		
Wormseed,[1] cns. lb.	5.00	- 5.15
Wormwood, cns. lb.	4.85	- 5.50
Ylang-ylang, Bourbon, bots. lb.	16.00	-10.50
Oleostearin,[1] dms., Chicago. lb.	.1061-	—
Olivine, aggregate, c.l., mines. ton.	7.00	- 9.50
crushed, 8 mesh, bulk, c.l., works. ton.	8.00	- —
paper bgs., c.l., works. ton.	9.50	- —
lumps, paper bags, c.l., works. ton.	7.00	- —
spalls, paper bgs., c.l., works. ton.	5.00	- —
Opium gum, USP, cns., 50-lb. lots, lb.	13.00	- —
25-lb. lots lb.	13.25	- —
smaller lots lb.	15.50	-13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.		
Orange, cadmium selenide, bbls., 100-lb. lots, works. lb.	1.50	- —
Dinitroanilin, toner[1] lb.	1.05	- —
Molybdate,[1,6] bbls. lb.	.41	- —
Orthonitroanilin toner[1] bbls., kgs., works. lb.	.80	- 1.05
Persian,[1] bbls. lb.	.30	- .45
Orange mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb.	.12¼-	—

Aromatic Chemicals

IN INDUSTRY

THE field of Aromatic Chemicals in Industry has widened considerably in recent years.

NO longer is the use of Perfumes restricted to the Soap, Cosmetic and Perfume Manufacturer.

PERFUMES are now widely used by such diverse manufacturers as: the rubber industry, the paper industry, the textile industry and many others.

FURTHER research is constantly being made both by us and by manufacturers of many diverse products.

PERHAPS we can be of service to you

Among our many products the following are proving useful in numerous industries:

Butyl Phenyl Acetate
Lignin Vanillin
Veratraldehyde
Ethaldehyde
Cinnamic Alcohol
Ionone Ketone
Ionone Methyl
Acetophenone
Linalool Extra

Phenyl Acet Aldehyde Di Methyl Acetal
Di Phenyl Acetal of Phenyl Acet Aldehyde
Hydratropic Aldehyde
Para Methyl Hydratropic Aldehyde

Write us for Information

Aromatics Division
GENERAL DRUG COMPANY
125 Barclay St., New York 7, N. Y.
9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Orange mineral, Amer., bbls., 5 tons, dlvd., Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo..lb. .12½- —
other points.....lb. .12 - —
Ala., etc.....lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
other points.....lb. .12½- —
Orange peel, bitter, Haitian, bgs..lb. .09 - .09½
sweet, bls.....lb. .16 - .20
Oregano, Mexican, curly leaf, bgs..lb. .08½- .09
flat leaf, bgs.....lb. .09¾- .09¾
Orris root, African, bls.....lb. .85 - —
powd., bbls., bxs.....lb. .90 - .95
Portuguese, bls.....lb. .65 - .70
Verona, bls..... No stocks
Orthoamylphenol, dms., works.lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[2,6] 30.4° C. min., M.P., dms., c.l., works..lb. .17½- .18
l.c.l., works.....lb. .18 - .18½
29.0° C. min., M.P., dms., c.l., works..lb. .16½- .17
l.c.l., works.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .43 - .55
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange crystals, bbls....lb. .23 - —
Extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots, works.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 3.00 - 3.25
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
Sulphate, cns.....oz. 7.10 - 7.35
Papirka,[1] Calif., sweet Caliente, bgs..lb. .36 - .36½
Chilean, bgs.....lb. .27½- .35
Portuguese, bgs.....lb. .37 - .42
Spanish, bgs.....lb. .48 - .51
Para-anisidin, dms., works.....lb. .75 - —
Parachlorophenol, dms., wks..lb. .26½- .28
Paracresol,[6] bbls., works.....lb. .41 - —
Paracymene, dms., c.l., works.lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene,[4] dms., c.l., works..lb. .11 - .12
l.c.l., same basis.....lb. .12½- .15
Paraffin,[1] crude, scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, refinery.lb. .0520- —
122-124 ASTM, refinery.lb. .0520- —
125-127 ASTM, refinery.lb. .0560- —
127-129 ASTM, refinery.lb. .0585- —
128-130 ASTM, refinery.lb. .0585- —
130-132 ASTM, refinery.lb. .0615- —
Paraffin, fully ref'd., slabs, loose, 132-134 ASTM, refinery.lb. .0640- —
135-137 ASTM, refinery.lb. .0715- —
140-142 ASTM, refinery.lb. .0810- —
146-148 ASTM, refinery.lb. .1050- —
Prices in bags 4/10c. per lb. higher.
Paraformaldehyde,[2,5] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks..lb. .12 - —
10-gal. dms., works.....lb. .15 - —
USP, cbys., cns.....lb. .35 - .45
Paranitroanilin, kgs., works..lb. .43 - .45
Paranitrochlorobenzene, kgs., wks. lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs. lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld..lb. .20 - .27
l.c.l., same basis.....lb. .22 - .28
Passion flower herb, bls.....lb. .16 - .20
Patchouli leaves, bls..... lb. .34 - .35
Pectin, bbls.....lb. .85 - —
Penicillin, ampules, per 100,000 units. 1.10 - —
Pennyroyal leaves, bls.....lb. .16 - .18
Pentachlorophenol, dms., works. lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb. .75 - —
smaller containers.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l. .....lb. .33 - —
Tetra-acetate, bbls., dlvd....lb. 1.00 - —
smaller containers, lots....lb. 1.50 - —
Pentane, 28°-38° C. industrial grade, dms., c.l., Group 3..gal. .11 - —
l.c.l., dms., Group 3..gal. .19 - —
tanks, Group 3.....gal. .07½- .07½
laboratory grade, 10-gal. cns., dlvd. E..gal. .55 - —
dms., c.l., Group 3....gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
Pepper, black,[1] 15 tons, bgs...lb. .10 - —
50 to 100 bgs.....lb. .1050- —
4 to 24 bgs.....lb. .1100- —
red, capsicum, Carolina, longs, new crop, bgs..lb. .32½ Nom.
sports, old crop, bgs....lb. .46 Nom.
Louisiana, sports, bgs.....lb. No stocks
longs, old crop, bgs.....lb. No stocks
Chillies, bgs.....lb. .22½- .25
White,[1] bgs., 15 tons.....lb. .1161 Nom.
24 bgs.....lb. .1295 Nom.
Peppermint, dom., USP, bls....lb. .70 - .75
import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., c.l., Zone 1, works, frt. alld..lb. .0782- .0800
Zone 2, same basis.....lb. .0832- .0850
Zone 3, same basis.....lb. .0882- .0900
Zone 4, same basis.....lb. .0876- .0900
l.c.l., Zone 1, same basis....lb. .0832- .0850
Zone 2, same basis.....lb. .0882- .0900
Zone 3, same basis.....lb. .0932- .0950
Zone 4, same basis.....lb. .0926- .0950
Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l..lb. .021 - —
golden Topaz, bbls., c.l.....lb. .032 - —
l.c.l. .....lb. .036 - —
red, veterinarian, bbls. c.l..lb. .024 - —
l.c.l. .....lb. .028 - —
USP, amber, dms., c.l.....lb. .03¼ - —
l.c.l. .....lb. .04½- —
extra amber, dms., c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
cream, c.l., dms.....lb. .04¾- —
l.c.l. .....lb. .06¼- —
yellow, soft, dms., c.l.....lb. .03¼- —
l.c.l. .....lb. .04¼- —
white, lily, dms., c.l.....lb. .05½- —
l.c.l. .....lb. .07 - —
snow, dms., c.l.....lb. .06½- —
l.c.l. .....lb. .07¾- —
soft, dms., c.l.....lb. .05½- —
l.c.l. .....lb. .06¼- —
Petroleum, crude, bulk, at wells, California, heavy grades, bbl. .93 - 1.01
Illinois .....bbl. 1.37 - —
Kentucky, Union County, bbl. 1.32 - 1.37
Louisiana-Arkansas...bbl. .86 - 1.29
Oklahoma-Kansas ....bbl. .85 - 1.25
Pennsylvania .....bbl. 1.31 - 3.00
Texas, Gulf coast.....bbl. 1.06 - 1.86
North, North-Central.. bbl. 1.01 - 1.25
Panhandle .....bbl. 1.10 - 1.22
West .....bbl. .70 - 1.72
Wyoming .....bbl. 1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd., E..gal. .55 - —
dms., c.l., Group 3...gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
35°-60° C, 10-gal., cns., dlvd., E..gal. .55 - —
dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
40°-75° C, 10-gal., cns., dlvd., E..gal. .55 - —
dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
Fuel oil, furnace, tanks, at refinery, Arkansas, No. 1, gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light .....bbl. 1.20 - —
diesel .....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .08½- —
No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 3.....bbl. .85 - .90
Oklahoma, No. 2....gal. .03⅝- —
No. 6.....bbl. .90 - —
14-16 .....bbl. .97 - —
Pennsylvania, No. 1.gal. .07 - .07⅜
No. 2.....gal. .07 - .0805
No. 3.....gal. .06⅞- .07⅜
36-40 gravity.....gal. .07 - .07⅜
Bunker C, tanks, Albany, N.Y. bbl. 1.97 - —
Baltimore, Md.....bbl. 1.77 - —
Boston, Mass.....bbl. 1.77 - —
Charleston, S. C.....bbl. 1.72 - —
Jacksonville, Fla.....bbl. 1.72 - —
New Haven, Conn.....bbl. 1.77 - —
New York, N. Y.....bbl. 1.77 - —
Norfolk, Va.....bbl. 1.77 - —
Philadelphia, Pa.....bbl. 1.77 - —
Portland, Me.....bbl. 1.77 - —
Port Tampa, Fla.....bbl. 1.62 - —
Providence, R. I.....bbl. 1.77 - —
Savannah, Ga.....bbl. 1.72 - —
Wilmington, N. C.....bbl. 1.72 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles..gal. .11 - —
Fort Wells, Wash.
San Francisco.
Willbridge, Ore.
East coast, N.J., N.Y., tanks, refinery..gal. .11½- —
Group 3, benzol type, tanks, gal. .07⅞- —
toluol type, tanks.....gal. .07⅞- —
Mineral spirits, California, San Francisco, 163-252 b.r., tanks, gal. .10¼- —
198-200 b.r., tanks..gal. .10¼- —
246-397 b.r., tanks..gal. .10½- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East coast, N. J., N. Y., tanks, refinery..gal. .10 - —
Group 3, tanks, refinery..gal. .08¼- —
tankwagon, Baltimore.....gal. .135 - —
Boston .....gal. .12 - —
Bridgeport, Conn.....gal. .1430- —
Buffalo .....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago .....gal. .1150- —
Detroit .....gal. .1380- —
Hartford .....gal. .1430- —
Kansas City, Mo.....gal. .1280- —
Lancaster, Pa.....gal. .12 - —
Milwaukee .....gal. .1240- —
Minneapolis .....gal. .1220- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .125 - —
Providence .....gal. .13 - —
Rochester .....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.....gal. .135 - —
Wilmington, Del.....gal. .11 - —

Double-Acting!

QUICK DISPERSION

FULL STRENGTH DEVELOPMENT

Super-Texture
DU PONT "HY-CAP" COLORS

Grit-free pigments disperse quickly and develop full strength at the same time.

THESE soft-texture pigments meet all formulation requirements. They mix and disperse easily, develop optimum tinting strength under all types of milling and in minimum milling time. And less operating control is required to get uniform acceptable dispersion. Quicker grinding results in increased production, lower milling costs.

Each Du Pont "HY-CAP" Color has definite operating advantages, and in addition, brilliance, cleanness, strength, permanence, initial gloss and gloss retention equal to, and often better than, the highest standards of usual colors. They are dependable because through rigid manufacturing and laboratory control, all are standardized for texture.

Du Pont pioneered the development of these standardized Super-Texture Colors—the "HY-CAP" Colors—all designed for faster, more economical production of quality products. By constant research the characteristics of other Du Pont Colors are being improved so that they too can become Du Pont "HY-CAP" Colors. For the present and the future, remember—Du Pont Pigments can answer your every production need! E. I. du Pont de Nemours & Co. (Inc.), 1007 Market Street, Wilmington, 98, Delaware.

DU PONT

BETTER THINGS FOR BETTER LIVING
...THROUGH CHEMISTRY

BUY—AND HOLD—MORE WAR BONDS

DU PONT PIGMENTS

Petroleum, naphtha, cleaners, California, tanks, San Francisco..gal. .12 - —
East coast, N. J., N. Y., tanks, refinery..gal. .11 - —
Group 3, tanks, refinery, gal. .07½- —
tankwagon, Newark.....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 70% arom., tanks, Bayway, N. J., gal. .21½- —
No. 2, tanks, over 90% arom., same basis..gal. .21½- —
No. 3, tanks, same basis.gal. .22½- —
No. 8, tanks, same basis.gal. .228 - —
No. 30, tanks, Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13½- —
V.M.&P. at refinery. California, 46.5 254 i.b.p., 380 e.p., tanks El Segundo .....gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77, 190 i.b.p., 310 e.p., Los Angeles.....gal. .10 - —
San Francisco...gal. .10½- —
Portland, Seattle.gal. .11 - —
Group 3, tanks.....lb. .07¼- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1320- —
Newark (200 gals.)....gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California, San Francisco, gal. .25½- —
East Coast, N. J., N.Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07¼- .07½
Steddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06⅝- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1380- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Sulphonates,[4] 63% sulphonic content, ret. dms., c.l., works, lb. .09¾- —
l.c.l., works.....lb. .09⅞- .10⅜
tanks, works.....lb. .09¼- —
50% sulphonic content, ret. dms., c.l., works..lb. .09⅝- —
l.c.l., works.....lb. .07⅞- .10⅜
tanks, works.....lb. .09⅛- —
Xylol solvent. See Xylol petroleum solvent.
Phenobarbital, cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —
Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10½- .10¾
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., same basis..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .92
Yellow, fib. dms., 2,000 lbs..lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, NF, fib. dms., 2,000 lbs..lb. .49 - —
smaller lots.....lb. .54 - —
Phenylacetaldehyde, solut., 50%, bots..lb. 2.45 - 3.00
100%, bots.....lb. 4.40 - 5.00
Phenylethyl acetate, dms.....lb. 4.00 - 4.25
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.35 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works...lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate, defluorinated (see under D).
Phosphate rock,[1,5] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l., long ton. 2.20 - —
70%-68% b.p.l., same basis..long ton. 2.60 - —
72%-70% b.p.l., same basis..long ton. 3.20 - —
75%-74% b.p.l., same basis..long ton. 4.20 - —
77%-76% b.p.l., same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum..... short ton. 2.90 - —
68%, basis 31% P_2O_5 minimum..short ton. 3.10 - —
70%, basis 32% P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% i. & a., b.p.l., same basis..long ton. 5.10 - —
72%-70% b.p.l., 5½% i. & a., same basis..long ton. 5.60 - —
refinery ground, 29% P_2O_5, same basis..long ton. 4.75 - —
30% P_2O_5, same basis.... long ton. 4.95 - —
31% P_2O_5, same basis.... short ton. 5.05 - —
32% P_2O_5, same basis.... short ton. 5.30 - —
33% P_2O_5, same basis.... short ton. 5.80 - —
Phosphorus,[6] red, amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
yellow,[6] cns.....lb. .23 - .25
dms. .....lb. .25 - —
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16

Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .07 - .08
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 3.75 - 5.10
Nitrate, bots., vls.....oz. 3.65 - 5.00
Pimento,[3] Jamaica, bgs.....lb. .22 - .22½
Pinetar, retort, dms. incl., c.l., works..gal. .31 - —
l.c.l., works, dms. incl..gal. .32⅜- —
tanks, dlvd. E.....gal. .27 - —
Pinkroot, bls.....lb. 1.85 - 1.90
Piperazine hexahydrate, bots..lb.16.00 - —
Pitch, burgundy (see B).
Coaltar,[6] 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l., works.....ton.22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works..lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Soybean, dms., works.....lb. .04 - .06
Plaster of paris (see Gypsum).
Podophyllin .....dms. 8.75 - 9.00
Pokeroot, bls.....lb. .11 - .12
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld. lb. .32 - —
20,000 lbs., frt. alld.....lb. .33 - —
smaller lots, frt. alld....lb. .34 - .36
Water-clear, polystyrene, 7c. per lb. less than plain colors.
Pomegranate, root bark, bgs...lb. .80 - .85

Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns. .....lb. .31 - .33
Arsenite,[4] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[1,6] bgs., c.l., works. lb. .10 - —
l.c.l., works.....lb. .10⅛- .10⅜
Potash bichromate in bbls. ¼c. higher.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .25 - —
100-lb. kgs.....lb. .26 - —
Carbonate,[6] cal., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06⅝- —
hydrated,[6] 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05⅝- —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works.. 100 lbs. 9.31 - —
l.c.l., works....100 lbs. 9.68½- —
liquid, dms., c.l., works.. 100 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.68½- —
tanks, works.....100 lbs. 8.06 - —
solid, dms., c.l., works.. 100 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.93½- —
regular, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¼- .07⅛
liquid, 45% basis, dms., c.l., works, frt. alld..lb. .03½- —
l.c.l., same basis.....lb. .03¼- .03⅛

Potash caustic, liquid, tanks, same basis..lb. .02⅞- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06⅝
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., kgs., c.l., wks. lb. .11 - .11⅝
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works. lb. .09⅝- .11⅝
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .16 - .18
Chloride, tech., cryst., 98%, bgs., kgs..lb. 93 Nom.
Citrate, USP, gran., bbls., dms., lb. .33½- .38½
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000-lb. lots.....lb. 1.50 - —
100-lb. lots.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports..... unit-ton. .53½- —
granular, 50-52% K_2O..... unit-ton. .53¼- —

IMAGINE delivering .50 caliber machine gun cartridges to a battery of 105 mm. cannon! Somebody would catch the devil—and it wouldn't be the enemy!

YOU'VE got to have *dependable uniformity* in solvents too. Any variation in the type of solvent you are using for a given job can easily throw your entire production out of line.

That's one of the reasons for specifying SKELLYSOLVE. A given type of SKELLYSOLVE ordered tomorrow will be identical with the same type bought yesterday. You can depend on that. In refining SKELLYSOLVE, we depend on accurate, scientific, instrumented quality control that leaves nothing to guess and hurdles the element of human error.

SKELLYSOLVE
***in the* OIL, PAINT *and* DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Potash muriate, Russian[3] future shipt., subject to safe arrival.. unit-ton. .53½- —

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.

Nitrate (see Saltpeter).

Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms. lb. .28 - .31
Perchlorate,[6] kgs., works....lb. .09¾- .11
Permanganate, tech., dms., wks. lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Persulphate, dms., c.l., wks.lb. .16 - —
l.c.l., same basis.....lb. .20 - —
Prussiate, red, kgs.....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., works. ton.200.00 - —
l.c.l. .....100 lbs.15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., wks. 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.09 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min., 90% ex vessel, Alt. or Gulf ports.. ton.36.25 - —

Potash sulphocyanide, NF, dms. lb. .70 - .78
Thiocyanate, bbls.....lb. .62 - .65
kgs. .....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton.26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .23 - .25
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .65 - .70
Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .66
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03½- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum, [1,6] concentrate, de-waxed, 20% for aerosol bombs, bbls., works....gal. 9.25 - 9.50

Pyrethrum concentrate, liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.l.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton.10.00 -11.50
325 mesh, same basis....ton.13.00 -13.90
No. 3, 200 mesh, c.l., mines.ton. 9.50 - —
325 mesh, same basis.....ton.11.50 - —
Pyrophyllite in paper bags, $1.50 per ton extra.
Pyroxylin, transparent, cs., wks. lb. .19 - —
black, cs., works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., works. lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works....lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1,6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account..lb. .05⅝- .05⅞
Quebracho extract, clarified, 64%, bgs., c.l., same basis..lb. .06⅛- .06⅜
dissolved, 35% tan., bbls., works..lb. .04575- .0595
tanks, works.....lb. .04075- —
ground, 70%, bgs., c.l.....lb. .089 - —
l.c.l., bgs.....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net) flask.155.00 -160.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.06 + .13⅛*
powd., precip., cns.....oz. 1.01 + .13⅛
Sulphate, USP, cns.....oz. .71 + .13⅛

* Surcharge of 13⅛c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13⅛*
Acetate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenite, cns., 100 ozs.....oz. 1.07 + .13⅛
Bisulphate, USP, cns., 100 ozs. oz. .60 + .13⅛
Citrate, cns., 100 ozs.....oz. .78 + .13⅛
Dihydrobromide, bots., 50 ozs.. oz. .86 + .13⅛
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13⅛
Ferrocyanide, cns., 100 ozs...oz. 1.07 + .13⅛
Formate, cns., 100 ozs.....oz. 1.00 + .13⅛
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13⅛
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13⅛
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13⅛
Hydroiodide, cns., 100 ozs...oz. 1.05 + .13⅛
Hyposulphite, cns., 100 ozs., oz. 1.07 + .13⅛
Phosphate, NF, cns., 100 ozs.. oz. .90 + .13⅛
Salicylate, NF, cns., 100 ozs.oz. .79 + .13⅛
Sulphate, USP, cns., 100 ozs.oz. .67 + .13⅛
Sulphocarbolate, cns., 100 ozs.oz. 1.05 + .13⅛
Tannate, USP X, cns., 100 ozs., oz. .63 + .13⅛
Tartrate, cns., 100 ozs.....oz. 1.08 + .13⅛
Valerate, NF IV, 100 ozs....oz. .99 + .13⅛

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .13⅛*
Surcharge:—See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.20 - 1.25
Red, alizarin lake,[3] bbls., divd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Prices ½c. per lb. higher divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher divd. Pacific Coast prices equaled with Chicago divd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .30 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, 40 dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple ixide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol - rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.73 - —
smaller lots, works.....lb. 2.75 - —
Metallic, bbls., works.....lb .02 - —
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
alizarin lake, kgs., works..lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14¼- —
Tuscan, bbls., E. St. L.....lb. .11 - —

"what! you mean I can't buy all the Soda Ash I want?"

YES, MR. INDUSTRIALIST, that's the situation on Soda Ash . . . as long as present heavy war demand continues.

Too often this basic "work-horse" of industry is taken for granted. Yet Soda Ash is absolutely indispensable in a wide variety of industrial processes.

What has happened to all the Soda Ash? It has gone into vastly expanded production of glass containers to save scarce metals. Into the manufacture of aluminum and other metals vital to war production. Into the making of explosives. Into the manufacture of chemicals, pulp and paper, textiles, soap and soap powders, water softeners, cleansers and literally hundreds of miscellaneous materials.

Despite war's complications, alkali manufacturers have set an enviable record in supplying the steadily expanding Soda Ash requirements of industry. And Mathieson, playing no favorites, has followed a policy in its commitments of "cutting the cloth to fit the pattern", is continuing to take care of its contract customers, large and small, with little or no occasion for late deliveries or other disappointments . . . regrets only that its production facilities have not been great enough at all times to serve all potential Mathieson customers.

Yes, Mr. Industrialist, if they ever start pinning medals on industrial products for valiant war service, Soda Ash will sport a chest full! Think of that if you haven't been able to buy all the Soda Ash you want!

Mathieson
CHEMICALS
THE MATHIESON ALKALI WORKS (INC.)
60 East 42nd Street, New York 17, N. Y.
Soda Ash... Caustic Soda... Liquid Chlorine... Bicarbonate of Soda... Chlorine Dioxide... Ammonia, Anhydrous & Aqua ...HTH Products...Fused Alkali Products... Synthetic Salt Cake... Dry Ice... Carbonic Gas... Sodium Chlorite Products... Sodium Methylate

Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works..lb. .01½- —
pwd., super. bgs., c.l., wks.lb. .04½- —
Squaw wine, bls.lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.lb. .14 - .16
powd., bbls., bxs.lb. .18 - .19
St. Ignatius beans, bgs.lb. No stocks
St. John's bread, edible, bls..lb. .11 - .11½
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .100 lbs. 3.72 - —
powd., bgs.100 lbs. 4.19 - —
Chicago .100 lbs. 3.83 - —
Potato, bgs., c.l.lb. .0637- —
l.c.l. .0712- —
Rice, bgs., c.l.lb. No stocks
Sweetpotato, bgs.lb. .09 - .09¼
Wheat, thick boil, bgs.lb. .05 - —
Starch edible, bots.lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.lb. No stocks
Stoneroot, bls.lb. .07½- .08
Storax, cs.lb. 1.25 - 1.50
Stramonium leaves, bgs.lb. .20 - .21
Seed, bgs.lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.lb. .14 - .16
98%, bbls.lb. .22 - .25
Chloride, tech., bbls.lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.lb. 3.06 - 3.15
jars, 25 lbs.lb. 3.00 - —
Lactate, dms.lb. 1.30 - 1.35
Nitrate, bbls., c.l., works.lb. .07¾- —
l.c.l., works.lb. .08¼- .08¾
Oxalate, bbls., works.lb. .38 - .40
Salicylate, NF, dms.lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.oz. .60 - —
Acetate, cns., 100 ozs.oz. .88 - —
Arsenate, cns., 100 ozs.oz. .91 - —
Strychnine arsenite, cns., 100 ozs. oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs.oz. .88 - —
Hypophosphite, cns., 100 ozs., oz. 1.00 - —
Nitrate, NF, cns., 100 ozs...oz. .82 - —
Phosphate, NF, cns., 100 ozs., oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.oz. .48 - —
Stryrolyl acetate, bots.lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, USP, dms.lb. 9.00 - —
Sulphaguanidin, dms.lb. 4.50 - —
Sulphamerazin, dms.lb. 9.00 - —
Sulphanilamide, bots.lb. 1.50 - —
fib. dms.lb. 1.05 - 1.25
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiozole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.lb. 2.60 - —
smaller lots.lb. 2.65 - 2.80
Sulphonethylmethane, kgs.lb. 6.75 - 6.85
Sulphonmethane, kgs.lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.100 lbs. 3.25 - 3.40
heavy bgs., c.l., works, 100 lbs. 2.60 - —
l.c.l., works.100 lbs. 2.95 - 3.10
light, bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., works.100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l., works..100 lbs. 3.05 - —
l.c.l., works.100 lbs. 3.40 - 3.55
Refined sulphur nowers in bbls., 35c. higher.
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .08 - .08¼
Dioxide, liq. com'l. cyls., c.l., works..lb. .07 - —
l.c.l. .08 - .08¼
multi-unit cars, works..lb. .04½- .06
tanks, works.lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.lb. .07 - —
stainless, bbls.lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., Superphosphate, bulk, production points, Balto..unit-ton. .65 - —
Florida .unit-ton. .51 - .54
others .unit-ton. .57 - .84

Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.

triple, 40% or more a.p.a., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .unit-ton. .75 - —

Other States and D.C., 62c. per unit-ton plus frt. charge for 45% from E. Tampa, Fla.

Superphosphate, gran., 2c. per unit-ton higher than pulverized.

Sweet basil, bls., Calif.lb. .88 - .90

T

Talc, dom., ordinary grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works .ton.16.50 - .30
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works .ton.12.00 -14.50
Vermont, bgs., c.l., works, ton.14.00 - —
l.c.l., works.ton.15.00 - —
Talc, domestic, fibrous, grd., coarse, off-color, New York bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works, ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.ton.24.00 -30.00
Tallow,[1,5] edible, tanks.lb. .09½- —
inedible, extra, loose.lb. .08½- —
special, loose.lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05½- —
50% (43% fat), dms., c.l....lb. .06½- .07
50% (48% fat), dms., c.l....lb. .07½- .07½
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.lb. .13 - .14
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,5] Brazil, bgs..lb. .06½- .07¼
Java, bgs.lb. No stocks.
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.gal. .28½- .29¾
25%, dms., c.l., works....gal. .30 - —
l.c.l., works.gal. .32 - —
Tar, pine (see Pinetar).
Tara, powd.ton.120.00 - —
Tarragon herb, bgs.lb. 1.40 - 1.50
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .lb. .48½- .51
Tartar emetic, USP, powd., bbls., dms., kgs..lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .25 - .25¼
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.lb. .13½- —
l.c.l., South.lb. .14 - —
tanks, South.lb. .13 - —
pure, dms.lb. .34 - .50
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.lb. .20 - —
tanks, works.lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.lb. .23½- .25½
tech. (see Perchloroethylene).
Tetralin, dms.lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 - —
Theobromine,[1,6] dms., 25-lb. lots, lb. 2.80 - —
smaller lots.lb. 2.90 - 3.00
Thiamine hydrochloride, bots., dms., 100 grams..kilo.160.00 - —
Thiocarbanilide, dms.lb. .24 - —
Thiourea, CP, dms.lb. .55 - .56
Thorium nitrate, cs., works..lb. 2.00 - —
Thyme,[1] California, French type, bls., Pacific coast..lb. .82 - .84
Spanish, bls.lb. .16½- .17
Thymol, cns.lb. 2.40 - 2.75
Iodide, dms.lb. 3.40 - 3.80
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.lb. No stocks
Crystals,[5] bgs., bbls.lb. No stocks
Metal,[1,6] .lb. .52 - —
Bolivian .lb. .63½- —
Straits .lb. No stocks
Oxide,[6] bbls.lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.lb. .16¾- .17¼
plain,[5] bgs., c.l., dlvd.lb. .14½- —
l.c.l., dlvd.lb. .14¾- .15¼
Hydride, cns., works.lb. 7.00 - 8.00
Pigment, barium base,[1,4] bgs., c.l.,dlvd..lb. .05¾- —
l.c.l., dlvd.lb. .06 - —
Calcium base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.lb. .05¾- —
Magnesium base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, PC, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.lb. .65 - 1.22
technical, 55-gal. dms., works, lb. .32 - —
smaller pkgs., works.lb. .40 - 1.00
Tolu balsam, cns.lb. .78 - .82
Toluidin base, distilled, kgs....lb. .96 - —
Toluene (see Toluol).
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. 2c. per gal..gal. .28 - —
West Minnequa, Colo..gal. .28 - —

New HOUSES FOR Old

A post-war building boom with its attending need for paint, together with the vast repainting job that will follow in the wake of war-time neglect, add up to a great potential market. In planning to capture your share of this business TITANOX pigments, as soon as war-time restrictions are lifted, should have first place on your list of strategic materials.

The worth of these fine titanium dioxide pigments, first proven in civilian fields, has been further attested by exceptional performance under the rigorous conditions of war-time usage.

If you have utilized TITANOX pigments in your formulations there is little need to tell you of the fine qualities they contribute to paints of every description—such as high hiding, exceptional tint retention, resistance to chalking, cracking and checking, and whiteness and brightness of the highest order.

If you have not as yet discovered the many helpful qualities inherent in TITANOX pigments our Paint Service Laboratory will welcome the opportunity to furnish samples and complete technical information.

TITANIUM PIGMENT CORPORATION, *Sole Sales Agent*
111 Broadway, New York 6, N. Y. • 350 Townsend St., San Francisco 7, Cal.
104 So. Michigan Ave., Chicago 3, Ill. • 2472 Enterprise St., Los Angeles 21, Cal.

TITANOX
REG. U. S. PAT. OFF.

TITANOX
REG. U.S. PAT. OFF.

Toluol (toluene), 1° nitration, ret. dms., works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West Minnequa, Colo..gal. .29½- —
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian. Surinam. cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .27 - .32
Triamylamine, dms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms...lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., divd..lb. .53 - .55
dms., l.c.l., divd.....lb. .49 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l., same basis.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks, same basis.....lb. .07½- —
Trichloroethane, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene,[6] dms., c.l., Zone 1, works, frt. alld....lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —

Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Tricresyl phosphate,[6] tech., cns., works..lb. .28 - .39½
dms., c.l., divd.....lb. .25 - —
l.c.l., divd.....lb. .25½- —
tanks, divd. .....lb. .24 - —
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., works...lb. 1.16 - —
Triethylenegiycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., divd. lb. .85 - —
l.c.l., divd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate,[2] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,4] (see Derris root).
Tungsten metal, powd.,[2] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices.
Turmeric root, Alleppey, bls..lb. .12 - .12½
Haitian, bls., Miami or New Orleans..lb. .09 - .09½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, ret. dms...gal. .88 - .89
sulphate-wood, ret. dms....gal. .65½- .76
wood,[1] d.d., dms., East....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist., ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports. ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopeville, Va., NH_3, ton.112.80 - —
usual Atla. and Gulf ports, NH_3..ton.116.80 - —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Uva ursi leaves, bls.....lb. .19 - .20

V

Valerian root, NF, bls.....lb. .55 - .60
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,1 Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb.10.50 -11.00
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] ex eugenol, 25 lbs. or more, tins..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol, 25 lbs. or more, tins..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, 25 lbs. or more, tins. lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ret. dms., works.lb. 1.60 - —
Viosterol (irradiated ergosterol), bots., mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B, (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol)
E (see Alphatocopherol).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide)
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[2] E. African, bgs., f.a.s..ton.53.00 - —
S. Afr., bgs., f.a.s.....ton.53.00 - —
Extract,[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks .....lb. .04¾- .05¼
solid, E. Afr., 61% tannin, ex dock..lb. .05595- .05845
S. Afr., tannin, ex dock, lb. .0572- .0597
Wax, amorphous (see Wax, micro-crystalline).
Bayberry, bgs.....lb. No stocks.
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
crude, pure, African, bgs., ton..lb. .40 - —
smaller lots.....lb. .41 - .43
Western hemisphere, bgs., ton..lb. .44¾ Nom.
ref'd, USP, bricks, bgs., ton, lb. .53½- —
discs, bgs., ton.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
Candelilla,[1] crude, bgs., ton, lb. .35 - .36

Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.

refined, bgs., ton.....lb. .41 - —
smaller lots .....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton..lb. .71½- —
smaller lots .....lb. .72½- .81½
North Country, No. 2, bgs., ton..lb. .75¾- —
smaller lots .....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots .....lb. .74½- 83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots .....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots .....lb. .82¼- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots .....lb. .80 - .89
Carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots .....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots .....lb. .16½- .17
160°-170° m.p., bgs., 1 ton.. lb. .16½- .17
jobbing lots .....lb. .17½- .18
Japan, cs. .....lb. No stocks.
Micro-crystalline, 170°-175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots, same basis, lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis, lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots, same basis, lb. .16½- .17½
190-195 m.p., ASTM, black, ctns., 30 tons, same basis. lb. .14¾- —
smaller lots, same basis, lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
smaller lots, same basis. lb. .29 - .29¼
Montan, domestic, bgs.....lb. .30 - .35
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
smaller lots.....lb. .50½- .61¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .14 - .15
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.60 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton.6.00 - —
smaller lots, N.E., works, ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00

THE RESINOUS PRODUCTS & CHEMICAL COMPANY
WASHINGTON SQUARE, PHILADELPHIA 5, PA.

This will guide you in ordering—

FAMOUS RESINS for QUALITY COATINGS

TYPE	CLASSIFICATION	CHARACTERISTICS
AMBEROL	Modified and unmodified phenol formaldehyde and modified rosin maleic types	Lacquer resins and resins for fast drying enamels and varnishes; excellent for formulation with substitute oils.
UFORMITE	Urea formaldehyde and melamine formaldehyde	Thermo-setting resins; compatible with alkyds and varnishes used in manufacture of baking finishes; impart hardness, color retention and solvent resistance.
PARAPLEX	Non-oxidizing plasticizing resins	Non-volatile plasticizing resins used with nitrocellulose, ethyl cellulose, vinyl polymers and other film-forming agents in the manufacture of flexible films.
DURAPLEX	Baking and air drying alkyds	Complete film-forming vehicles used in applications where finishes of high durability are required. Useful with varnishes, urea formaldehyde and melamine resins; can be formulated for either baking or air drying finishes for wood or metal.
	Non-drying alkyds	Non-drying resins for air drying lacquers and baked UFORMITE coatings.

9 awards to The Resinous Products & Chemical Company and its associated firms, Rohm & Haas Company and Charles Lennig & Company.

WHEN you need resins for coatings, turn to the producers of these four major classes—as well as of the ACRYLOIDS, AMBERLACS, and AQUAPLEXES—resins that have *proved* their merit. They're available in a wide variety of types. To assist you with both selection and application, the broad knowledge and experience of our technical staff are at your disposal.

ACRYLOID, AMBERLAC, AMBEROL, AQUAPLEX, DURAPLEX, PARAPLEX, *and* UFORMITE *are trade marks, Reg. U.S. Pat. Off.*
Represented by Cia. Rohm y Haas, S.R.L., Carlos Pellegrini, 331, Buenos Aires, Argentina, and agents in principal South American cities.

THE RESINOUS PRODUCTS & CHEMICAL COMPANY
WASHINGTON SQUARE, PHILADELPHIA 5, PA.
TRADE MARK

Whiting, limestone, wet-grd., water-floated, extra gilders, bgs., c.l.	ton.	13.00	—
gilders, bgs., c.l.	ton.	12.45	—
putty grade, bgs., c.l.	ton.	12.00	—
Paris white, bgs., c.l.	ton.	24.00	-28.00
l.c.l.	ton.	25.00	-29.06
precipitated, bgs., c.l.	ton.	14.00	-15.00
l.c.l.	ton.	18.00	-20.00
Wild cherry bark, thick, bls.	lb.	.06	— .07
thin, natural, bgs.	lb.	.16	— .17
rossed, green, bls.	lb.	.25	— .26
Wild indigo root, bls.	lb.	.17	— .18
Witch-hazel leaves, bls.	lb.	.14	— .15
Witherite (see Barium carbonate, natural).			
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y.	ton.	20.00	— —
60 mesh, same basis	ton.	24.00	— —
80 mesh, same basis	ton.	27.00	— —
100 mesh, same basis	ton.	30.00	-32.00
Woodflour, in bags, 25c. each extra, returnable.			
Wormseed, American, bgs.	lb.	.20	— .23
Levant, bgs.	lb	4.50	— 4.75
Wormwood, bls.	lb.	.50	— .60

X

Xanthorrhiza, bls.	lb.	.24	— .25
Xylene (see Xylol).			
Xylidin, mixed, dms.	lb.	.85	— .86
Xylol,[6] (xylene), indus., ret. dms., works.	gal.	.32	— —
tanks, E. of Omaha, frt. alld. to 2c. per gal.	gal.	.27	— —
West Minnequa, Colo.	gal.	.27	— —
Xylol, 10°, ret. dms., works.	gal.	.35	— —
tanks, E. of Omaha, frt. alld. to 2c. per gal.	gal.	.30	— —
5°, ret. dms., works.	gal.	.42	— —
tanks, E. of Omaha, frt. alld. to 2c. per gal.	gal.	.37	— —
3°, ret. dms., works.	gal.	.47	— —
tanks, E. of Omaha, frt. alld. to 2c. per gal.	gal.	.42	— —
Xylol petroleum solvent, ret. dms., No. N. J.	gal.	.26	— —

Y

Yara yara, cryst., bots., cns.	lb.	1.90	- 2.00
Yeast, brewer's, dry, 50 B units, dms.	lb.	.35	— —
90 B units, dms.	lb.	.45	— —
200 B units, dms.	lb.	.50	— —
300 B units, dms.	lb.	.60	— —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul.	lb.	.22	— —
Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.			
Benzidin, bbls., dlvd.	lb.	1.35	- 2.25
Cadmium, CP, bxs.	lb.	1.35	- 1.40
Lithopone, bbls., ton lots, E. of Rockies.	lb.	.55	— —
smaller lots, same basis,	lb.	.65	— —
Sulphide, orange, cs., kgs., works.	lb.	1.10	Nom.
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.	lb.	.16	— —
Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas), 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch pink, bbls.	lb.	.09	— .11
Hansa, bbls., same basis as chrome.	lb.	1.37	— —
primrose, bbls., same basis.	lb.	1.75	— —
Mercury oxide, bbls., 1,000 lbs.,	lb.	2.56	— —
smaller lots.	lb.	2.58	— —
Ocher, American, golden, bbls., works.	lb.	.04½-	.06¼
yellow, bbls., works.	lb.	.02	- .02¼
French type, bbls., c.l.	lb.	.0845-	—
l.c.l.	lb.	.0865-	—
Oxide, iron, nat., bbls., c.l., Bethlehem, Easton, Pa.	lb.	.04½-	—
l.c.l., same basis.	lb.	.05	— —
synth, bbls., c.l., works.	lb.	.0685-	—
l.c.l., works.	lb.	.071	— —
Persian orange (see O).			
Zinc,[6] bbls., same basis as chrome.	lb.	.16	— —
Navy spec. type, contract,	lb.	.16	— —
Yellow xanthorrhiza (see Xanthorrhiza).			
Yerba santa leaves, bls.	lb.	.21	— .25
Yohimbine hydrochloride, vls.	oz.	3.00	- 5.75
Yellow dock root, bls.	lb.	.35	— .36

Z

Zein, bgs., 1,000 lbs., works.	lb.	.25	— —
smaller lots, works.	lb.	.30	— —
Zinc acetate, tech., bbls., dlvd.	lb.	.16	— .17
USP, bbls., 250 lbs.	lb.	.26	— .27
kgs., 100 lbs.	lb.	.29	— —

—Continued on page 40

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn (see methyl abietate in Current Market Quotations)			
Aroclors, distilled, dms., c.l, works.	lb.	.18	— —
ton lots, works.	lb.	.18½-	—
single dms., works.	lb.	.19	— —
undistilled, dms., c.l., works.	lb.	.15½-	—
ton lots, works.	lb.	.16	— —
single dms., works.	lb.	.16½-	—

B

Bakelite, 100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret bbls., ton, works.	lb.	.33	— —
single dm. and less, works.	lb.	.33½-	.36
phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works.	lb.	.31	— —
single dm. and less, works.	lb.	.31½-	.34
Bakelite, phenolic, pale, non-heat hardening, BR-4036, non-ret. bbls., ton, works.	lb.	.37	— —
single dm. and less, works.	lb.	.37½-	.40
BR-17700, non-ret. bbls., ton, works.	lb.	.32½-	—
single dm. and less.	lb.	.33	- .35¼
dark, non-heat hardening, BR-1329, non-ret. bbls., ton, works.	lb.	.29	— —
single dm. and less, works.	lb.	.29½-	.32
BR-9434, non-ret. bbls., ton, works.	lb.	.25½-	—
single dm. and less, works.	lb.	.26	- .28½
BR-9476, dms., non-ret. bbls., ton, works.	lb.	.29	— —
single dm. and less, works.	lb.	.29½-	.32
pale, heat-hardening, BR-3360, non-ret. bbls., ton.	lb.	.36	— —
single dm. and less, works.	lb.	.36½-	.39
BR-10282, non-ret. bbls., ton, works.	lb.	.32	— —
single dm. and less, works.	lb.	.32½-	.35
BR-14634, non-ret. bbls., ton, works.	lb.	.30	— —
single dm. and less, works.	lb.	.30½-	.33
phenolic resins, oil modified, BR-302, non-ret. dms., ton, works.	lb.	.345	— —
single kg. and less, works.	lb.	.351	— —
BR-2175 (MTO), non-ret. kegs, ton, works.	lb.	.38	— —
single dm. and less, works,	lb.	.38½-	.41
rosin-baking types, BV-1660, ret. dms., ton, works.	lb.	.30	— —
single dm. and less, works.	lb.	.30½-	.33
BV-8966 (MTO), non-ret. dms., ton, works.	lb.	.20	— —
single dm. and less, works.	lb.	.20½-	.23
BV-10673, ret. dms., ton, works.	lb.	.35	— —
single dm. and less, works.	lb.	.35½-	.38
BV-16607 (MTO), non-ret. dms., ton, works.	lb.	.212	— —
single dm. and less, works,	lb.	.217	- .242
dispersion resins, phenolic, BK-3962-X, non-ret. dms., ton, works.	lb.	.277	— —
single dm. and less.	lb.	.282	- .307
BK-16700, non-ret. dms., ton, works.	lb.	.27	— —
single dm. and less.	lb.	.27½-	.30
non-phenolic, XK-16624, non-ret. dms, ton, works.	lb.	.22½-	—
single dm. and less.	lb.	.23	- .25½
resin modified, BR-2072, non-ret. bbls., ton, works.	lb.	.23	— —
single dm. and less, works.	lb.	.23½-	.26
BR-2963, non-ret. bbls., ton, works.	lb.	.22	— —
single dm. and less, works.	lb.	.22½-	.25
BR-11504, non-ret. bbls., ton, works.	lb.	.18	— —
single dm. and less.	lb.	.18½-	.21
BR-11544, non-ret. bbls., ton, works.	lb.	.18	— —
single dm. and less.	lb.	.18½-	.21
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., ton, works.	lb.	.45	— —
single dm. and less.	lb.	.45½-	.48
XR-4357, dms., wks.	lb.	.45	— —
single dm. and less.	lb.	.45½-	.48
BR-9366, non-ret. bbls., ton, works.	lb.	.18½-	—
single dm. and less.	lb.	.19	- .21½
BJ-10433, ret. dms., ton, works.	lb.	.37	— —
single dm. and less.	lb.	.37½-	.40
BJ-15408, non-ret. dms., ton, works.	lb.	.24	— —
single dm. and less.	lb.	.24½-	.27
BR-10433, non-ret. bbls., ton, works.	lb.	.37	— —
single dm. and less.	lb.	.37½-	.40
BJ-15408, ret. dms., ton, works.	lb.	.24	— —
single dm. and less.	lb.	.24½-	.27
BR-9366, non-ret. bbls., ton, works.	lb.	.18½-	—
single dm. and less.	lb.	.19	- .21½
phenolic resins, rosin reactive, XR-15775, non-ret. dms., ton, works.	lb.	.33½-	—
single dm. and less.	lb.	.34	- .36½
Bakelite, phenolic resins, rosin reactive, XR-15778, ret. dms., dm. charges included, ton works.	lb.	.50	— —
single dm. and less.	lb.	.50½-	.53
glycerine reactive, BR-10025, dms., ton, works.	lb.	.28	— —
single dm. and less.	lb.	.28½-	.31
C-9 resins, solid types, BR-13202, non-ret. bbls., ton, works,	lb.	.15	— —
single dm. and less.	lb.	.15½-	.18
BR-13260, non-ret. bbls., ton, works.	lb.	.37	— —
single dm. and less.	lb.	.37½-	.40
liquid types, BR-14590, non-ret. dms., ton, works.	lb.	.26	— —
single dm. and less.	lb.	.26½-	.29
XR-15780, non-ret. dms., ton, works.	lb.	.34	— —
single dm. and less.	lb.	.34½-	.37
BR-16040, non-ret. dms., ton, works.	lb.	.34	— —
single dm. and less.	lb.	.34½-	.37
Bakelite, liquid types, lacquer types XJ-16580, ret. dms., ton.	lb.	.26	— —
single dm. and less.	lb.	.26½-	.29
XR-15840, single dm. and less.	lb.	.34½-	.37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum transportation charges prepaid on units of standard drums or over to destination in United States except as follows:—add 1c. per pound for delivery to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Durez RESIN NEWS

Durez 11036 Resin

Durez 11036 is a phenolic-type resin having, among other properties, a high melting point which produces fast-drying finishes and high viscosity which produces heavy-bodied varnishes.

The resin works equally well with hard or soft oils. In most cases, it produces a speed of dry not equalled by conventional modified phenolic or maleic resins. Films have good flexibility, gloss, and resistance to water.

The high viscosity of the resin coupled with its polymerizing effect on oil makes it possible to produce good bodied varnishes using unbodied oils and minimum kettling time. In some formulations, of which V-50321A is an example, merely heating the resin with a bodied oil results in a varnish of average viscosity at 50% non-volatile content.

The resin is soluble in coal-tar hydrocarbons, hydrogenated naphtha, higher alcohols, esters, and ketones. It is soluble in drying oil on heating, and varnishes may be reduced with straight mineral thinner.

TT-E-531a Water-Resisting Red Enamel

A very flexible and water-resisting enamel can be made to pass all specification requirements using a long-oil Durez 220 Resin varnish such as V-50386. The enamel applies well, dries within specification limits, and has ample flexibility and water resistance.

Insulating Varnishes

A cold cut solution of Durez 202 (a heat-hardening, pure phenolic, oil soluble resin) and bodied or blown drying oil produces very satisfactory baking varnishes for insulating, coil impregnation, and similar applications. Such varnishes when properly baked convert to a tough, rubbery state with good resistance and high dielectric strength. The varnish in thick films and in the center of impregnated coils cures thoroughly and does not remain soft. V-50613 covers the use of Durez 202 Resin in one type of insulating varnish.

V-50248A

Durez 220 Resin can be used with soft oil to produce a highly satisfactory vehicle for a number of Government specification finishes, including Bureau of Yards and Docks 52-P-65 covering Iron Oxide Primer; 52-P-65, Type I, covering Ready-Mixed Gray Enamel; and AN-E-3 covering Yellow Aircraft Enamel.

Formulation V-50248A covering the liquid carries a balance of ingredients and employs a method of cooking designed to give fast kettling, fast dry, flexibility, hardness, resistance, and durability.

Floor Enamels

Durez 570 combined with suitable hard-drying and water-resistant drying oils is an excellent vehicle for porch, deck, and floor paints or enamels. The pigmented film dries rapidly with very good toughness and adhesion. The thoroughly dried film resists oils, greases, water, detergents, mineral solvents, and mild acids and alkalies. Enamels based on Durez 570 Resin give very good results when used on properly treated concrete floors. Durez V-9074 is a typical vehicle illustrating the use of Durez 570 Resin.

For samples or further information on above Durez resins, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
385 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

S&W AROPLAZ
SPECIFICATION RESINS

From its complete resin line, U.S.I. offers a full range of alkyds for use in government specification finishes, including:

S&W AROPLAZ 1240 — for U.S. Navy specifications (52-R-13 Resin)

S&W AROPLAZ 1244 — for Maritime Commission specifications (52MC21 Resin)

S&W AROPLAZ 1323 — for specification camouflage paints (Specs 3-171, 3-173, etc.)

S&W AROPLAZ 1333 — for specification enamels (Specs 3-175A, 3-178, 3-181, etc.)

S&W AROPLAZ 1365 — for zinc chromate primers (Specs AN-TT-P-656B, 3-201, etc.)

Your inquiries regarding the use of these and other U.S.I. resins in specification finishes will receive our prompt attention.

ALSO ALKYD SUBSTITUTES

S&W Aroplaz 1306, 1309 and 1305 are three U.S.I. resins which are finding wide application in protective coatings where the end use is not rated high enough to permit the use of phthalic alkyds. Considering their low rosin content, the drying speeds and film hardness of these resins are especially high. Color and gloss are excellent initially, and long retained.

U.S.I. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., NEW YORK 17, N. Y. — CHEMICALS, RESINS, ANTI-FREEZE, USI SERVICE TO INDUSTRY, SOLVENTS, ALCOHOLS — BRANCHES IN ALL PRINCIPAL CITIES

Beckacite, 1100 M-K, dms., c.l.lb. .15½- —
l.c.l., same basis.....lb. .16 - .16½
1102, M-K, dms., c.l.....lb. .14 - —
l.c.l., same basis.....lb. .14½- .15
1112, WG-N, dms., c.l.....lb. .16 - —
l.c.l., same basis.....lb. .16½- .17
1116, K-1, dms., c.l., same basis lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1123, dms., c.l.....lb. .15½- —
l.c.l., same basis.....lb. .16 - .16½
1124, M-K; P-306, M-K, dms., c.l..lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
P-405, N-K, dms., c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
P-406, M-I, dms., c.l.....lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
1110, N-M, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
1111, WG-N, No. 1120, M-K, dms., l.c..lb. .15 - —
l.c.l., same basis.....lb. .15½- .16
Beckamine, P-2, works, dms., c.l..lb. .11½- —
l.c.l., same basis.....lb. .12 - .12½
P-198, works, dms., c.l.....lb. .22 - —
l.c.l., same basis.....lb. .22½- .23
BR-11544, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less.....lb. .18½- .21
P-196, dms., c.l.....lb. .26 - —
l.c.l., same basis.....lb. .26½- .27
P-198, accelerator, works, dms., c.l..lb. .23 - —
l.c.l., same basis.....lb. .23½- .29
P-354, works, dms., c.l.....lb. .20½- —
l.c.l., same basis.....lb. .21 - .21½
P-364, works, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .13½- .14
Beckopol, 1400 M-K, dms., c.l..lb. .13½- —
l.c.l., same basis.....lb. .19 - .19½

Beckosol, solid, No. 18, 4-5 (80% M.S.), dms., c.l..lb. .26 - —
l.c.l., same basis.....lb. .27 - .28
No. 24, 4-5L (80% toluol), dms., c.l..lb. .33 - —
l.c.l., same basis.....lb. .34 - .35
No. 36, 4-5 (60% toluol), dms., c.l..lb. .38 - —
l.c.l., same basis.....lb. .39 - .40

C

Cumar resin, AX, non-ret. drums, net weight..lb. .06½- —
BX, net weight.....lb. .06½- —
CX, gross weight.....lb. .05½- —
DX, gross weight.....lb. .05¼- —
EX, gross weight.....lb. .05½- —
FX, gross weight.....lb. .05¾- —
MH, col. 1.....lb. .11¾- —
1½-2.....lb. .10¾- —
2½-3½.....lb. .09¾- —
9.....lb. .06½- —
MS.....lb. .10¾- —
P 10°-90° C., col. 2½ and darker, lb. .10¾- —
RH.....lb. .10¾- —
RS.....lb. .10¾- —
V col. ½.....lb. .12¾- —
1.....lb. .11¾- —
1½-2.....lb. .10¾- —
2½ and darker.....lb. .09¾- —
W col. ½.....lb. .13½- —
1.....lb. .12½- —
1½-2.....lb. .11½- —
2½ and darker.....lb. .10½- —

All "P" grades with melting point below 80 degrees C., and grades AX and SX are shipped in steel drums, with the two last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Durite, 1301, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —
Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, alkyd solution, A, dms., c.l., dlvd..lb. .15½- —
l.c.l.....lb. .16 - —
22-B, c.l., dlvd.....lb. .10½- —
l.c.l.....lb. .11 - —
33, c.l., any quantity, dlvd..lb. .15 - —
562, c.l., dlvd.....lb. .16½- —
l.c.l.....lb. .17 - —
660-N, c.l., dlvd.....lb. .15 - —
l.c.l.....lb. .15½- —
750, any quantity, dlvd....lb. .15 - —
2185, c.l., dlvd.....lb. .15 - —
l.c.l.....lb. .15½- —
2195, c.l., dlvd.....lb. .16 - —
l.c.l.....lb. .16½- —
Esterol, alkyd. solut., 2600, c.l., dlvd..lb. .18 - —
l.c.l.....lb. .18½- —
3172, c.l., dlvd.....lb. .14½- —
l.c.l.....lb. .15 - —
4040, c.l., dlvd.....lb. .15 - —
l.c.l.....lb. .15½- —
4052-B, any quantity, dlvd..lb. .12 - —
5141, c.l., dlvd.....lb. .11½- —
l.c.l.....lb. .12 - —

F

Flexalyn solution, non-ret, black iron dms., c.l., f.o.b. cars, destination, zone 1.....lb. .1250- —
l.c.l., 10 dms., same basis..lb. .1325- —
single dms., same basis..lb. .1475- —
smaller lots, same basis..lb. .1975- —

Flexalyn solut., C, non-ret, black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1175- —
10 dms., same basis.....lb. .1250- —
single dms., same basis...lb. .1400- —
smaller lots, same basis..lb. .1900- —

G

G, resin, dms., gross weight, works..lb. .08 - —
Geon polyvinyl resins, Nos. 101 and 102, 80,000 lbs, works..lb. .35 - —
5,000 to 29,999 lbs., same basis..lb. .36 - —
200 to 4,999 lbs., same basis, lb. .38 - —
up to 199 lbs., same basis..lb. .52 - —
No. 202, 30,000 lbs., works..lb. .40 - —
5,000 to 29,999 lbs., same basis..lb. .41 - —
200 to 4,999 lbs., same basis, lb. .43 - —
up to 199 lbs., same basis..lb. .58 - —
No. 203, 30,000 lbs., works...lb. .42 - —
5,000 to 29,999 lbs., same basis..lb. .43 - —
200 to 4,999 lbs., same basis, lb. .45 - —
up to 199 lbs., same basis..lb. .60 - —
Guai-a-phane, dms. (dm. deposit $6.00), works..gal. 2.47 - —
4 gals. or multiples, glass jars, 4 jars in each paper carton, works..lb. 2.62 - —
1-3 gals., cns., works....gal. 2.82 - —

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.

J

Jonite (see zinc-iron oxide pigment in regular list above).

K

Kopol, 500, esterfied, D-B, c.l..lb. .22 - —
l.c.l.....lb. .22½- .23
501, fused, c.l.....lb. .20 - —
l.c.l.....lb. .20½- .21

L

Lewisol resin, 2 L, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
l.c.l., 10 dms., same basis..lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis....lb. .22½- —
28, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
10 dms., same basis.....lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis....lb. .22½- —
33, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1..lb. .16½- —

Lewisol resin prices are f.o.b. cars, New England States, Middle Atlantic States, Va., W.Va., N.C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo. Cost of non-returnable dms. is included in the price in each instance.

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.50 - —
325 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh, containers extra, c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.22.50 - —

N

Neo-fat drying oil, 170, dms., c.l., dlvd..lb. .14¾- —
190, dms., c.l., dlvd.....lb. .18¾- —
290, dms., c.l., dlvd.....lb. .20¾- —
fatty acid, 3R, dms., c.l., dlvd..lb. .12¾- —
17, dms., c.l., dlvd.....lb. .12¾- —
19, dms., c.l., dlvd.....lb. .16¾- —

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums in all instances are returnable.

Nevillac, pale, hard, color 1-3, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color, 2-½-4, melting point 65-75°C., same basis.. lb. .17 - —
10 C, color ½-4, same basis..lb. .24 - —
LX-483 same basis.....lb. .23 - —
OA, same basis.....lb. .45 - —
Neville resin, R-1 nevindene, col. ¼, dms., works..lb. .13½- —
R-3, nevindene, col. 1, dms., works..lb. .12½- —
R-5, nevindene, col. 1½-2, dms., works..lb. .11½- —
R-6, nevindene, col. 2½-3½, dms., works..lb. .10½- —
R-7, N.P.S., col. below 3, dms., works..lb. .12¾- —
R-9, hard, col. ½, dms., works. lb. .12¾- —
R-10, hard, col. 1, dms., works..lb. .11¾- —
R-11, hard, col. 1½-2, dms., works..lb. .10¾- —
R-12, hard, col. 2½-3½, dms., works..lb. .09¾- —
R-13, medium, col. ½, dms., works..lb. .12¾- —
R-14, medium, col. 1, dms., works..lb. .11¾- —
R-15, medium, col. 1½-2, dms., works..lb. .10¾- —
R-16, medium, col. 2½-4, dms., works..lb. .09¾- —
R-16A, medium, col. 7-10, dms., works..lb. .08½- —
R-17, medium, soft, col. 3½-5, dms., works..lb. .10¾- —
R-19, medium soft, col. 3½-5, dms., works..lb. .10¾- —
R-21, soft, col. 3½-5, dms., works..lb. .10¾- —
R-22, special, soft, col. 3½-5, dms., works..lb. .10¾- —
R-27, medium, soft, col. 1, dms., works..lb. .13¾- —
R-28, medium soft, col. 1½-2, dms., works..lb. .12¾- —
R-29, medium soft, col. 2½-5, dms., works..lb. .10¾- —
465, 110-125° C., dms., gross weight, Pittsburgh..lb. .08½- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevilloid, C-55 emulsion, ret. dms., works..lb. .12 - —
C-10 emulsion, ret. dms., works lb. .1125- —
Nevtex, 10, returnable dms., works..lb. .08 - —
80, returnable dms., works.. lb. .30 - —

BAKELITE

TRADE-MARK

Want more production WITHOUT INCREASING PLANT SIZE?

Peak loads? Many a time you wish you could expand your plant to meet them. And the truth is that you readily *can* boost production, for BAKELITE resin

BR-254

speeds up your kettle time. For example, a 25 gallon, BR-254 linseed oil varnish bodies in 1 hour while other types of phenolic resins take two to three times longer. Besides that, BAKELITE resin BR-254—today, as for 14 years—is unequalled for fast drying coatings with lasting flexibility and high resistance to water, chemicals, and abrasion. Always measuring up to Navy requirements, BR-254 is the logical choice for Navy specification finishes.

BAKELITE resin BR-254 may provide you with a ready answer to your difficult production problems. Write Department 29 for suggested time-saving cooking procedures and formulas.

TRADE (B) MARK

BAKELITE CORPORATION

Unit of
Union Carbide and Carbon Corporation

UCC

30 EAST 42ND ST., NEW YORK 17, N.Y.

Coating Resins

Nuba, 1, 80-95° C., dms., gross weight, works..lb. .0290- —
2, 100-125° C., dms., gross weight, works..lb. .0290- —
3x, 135-150° C., dms., gross weight, works..lb. .04¼- —
Nuodex drier, cobalt, 6%, 400-lb. pkgs..lb. .30¼- —
10%, 100-lb. pkgs.....lb. .48¼- —
Iron, 6%, 400-lb. pkgs.....lb. .14¾- —
10%, 100-lb. pkgs.....lb. .23¼- —
Lead, 24%, 450-lb. pkgs..lb. .14 - —
34%, 100-lb. pkgs.....lb. .19 - —
Manganese, 10%, 100-lb. pkgs. lb. .25¼- —
6%, 400-lb. pkgs.....lb. .15¾- —
Zinc, 8%, 400-lb. pkgs.....lb. .15¾- —
12%, 100-lb. pkgs.....lb. .22¼- —
Lead-cobalt, 28%; 2.8%, 150-lb. pkgs..lb. .29¼- —
Lead-manganese, 28%:2.8%, 150-lb. pkgs..lb. .22¾- —

All prices are divd. in U.S.A., except California, Oregon and Washington.

P

Paradene, No. 1, 75-99° C., dms., gross wt., works..lb. .05¼- —
color 12-16, dms., gross wt., works..lb. .0525- —
2, 100-125° C., dms., gross wt., works..lb. .05¼- —
color 12-16, dms., gross wt., works..lb. .0525- —
33, 34, color 10-15, dms., works. lb. .0625- —
35, color 10-15, dms., works, gross wt..lb. .0675- —

Paradene prices are freight equalized with Philadelphia, Pa.

Paradurs, 46, c.l., divd.....lb. .22¾- —
l.c.l. .....lb. .23¼- —
273, c.l., divd.....lb. .23 - —
l.c.l. .....lb. .24 - —
Paranol resin, hard, No. 1, c.l., divd..lb. .15 - —
l.c.l. .....lb. .15½- —
25, c.l., divd.....lb. .15½- —
l.c.l. .....lb. .16 - —
54-E, c.l., divd.....lb. .18¼- —
l.c.l. .....lb. .19 - —
105, dark, c.l., divd.....lb. .14½- —
l.c.l. .....lb. .15 - —
X hard, c.l., divd.....lb. .15½- —
l.c.l. .....lb. .16 - —
200, c.l., divd.....lb. .17¾- —
l.c.l. .....lb. .18¼- —
500, hard, c.l., divd.....lb. .16½- —
l.c.l. .....lb. .17 - —
X hard, c.l., divd.....lb. .19 - —
l.c.l. .....lb. .19¼- —
850, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- —
1750, c.l., divd.....lb. .16¾- —
l.c.l. .....lb. .17¼- —
1855, c.l., divd.....lb. .15½- —
l.c.l. .....lb. .16 - —
Parazenes, 5 solid resins, c.l. and l.c.l., divd..lb. .13 - —
4634 solution (50% in mineral spirits), c.l., divd..lb. .11 - —
l.c.l. .....lb. .11½- —
Pentalyn A, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .13 - —
l.c.l., 10 dms., same basis, lb. .13½- —
single dms., same basis.....lb. .14 - —
smaller lots, same basis..lb. .19 - —
G, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1..lb. .14½- —
l.c.l., 10 dms., same basis..lb. .15 - —
single dms., same basis..lb. .15½- —
smaller lots, same basis..lb. .20½- —
P.H.O., dms., works.....lb. .24 - —
Piccolastic, A, B, C, D, E types, c.l., Clairton, Pa..lb. .24 - —
l.c.l., same basis.....lb. .24½- —
F series, c.l., same basis..lb. .14½- —
l.c.l., same basis.....lb. .15 - —
powder, same basis.....lb. .35½- —
Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
S-55, S-70, same basis, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
S-85, S-100, same basis, c.l.lb. .17 - —
l.c.l. .....lb. .17½- —
S-115, same basis, c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
Piccoumaron resins,[1] 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald..lb. .08 - —
420-T, same basis.....lb. .0675- —
422-R, 422-S, 425-R, 427-R, bulk, net wt., same basis.lb. .1075- —
430, 435, bulk, gross wt., same basis..lb. .045 - —
440-T, same basis.....lb. .0625- —
450, 450-H and 450-S, same basis..lb. .09 - —
450-EH, same basis.....lb. .0975- —
460-T, same basis.....lb. .0675- —
XX-25, XX-40, bulk, net wt., same basis..lb. .0625- —
XX-55, bulk, gross wt., same basis..lb. .0675- —
XX-70, XX-100, same basis.lb. .0625- —
XX-115, same basis.....lb. .0675- —
T-115, same basis.....lb. .0725- —
70%, 420-S Sol., ret. dms., net wt..lb. .075 - —
Pliolite S-1 powder, ton lots, works..lb. .75 - —
dm. lots, same basis.....lb. .78 - —
less dm. lots, same basis, lb. .83 - —
milled S-1, ton lots.....lb. .84 - —
dm. lots, same basis.....lb. .88 - —
less dm. lots, same basis, lb. .93 - —
S-3 powder, ton lots, same basis..lb. .64 - —
dm. lots.....lb. .68 - —
less dm. lots.....lb. .71 - —
Plyophen, solution, 5000, c.l., works..lb. .18 - —
l.c.l., same basis.....lb. .18½- .19
5010, c.l., same basis.....lb. .17 - —
l.c.l., same basis.....lb. .17½- .18
5011, c.l., same basis.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18¼
5012, 5013, c.l., same basis..lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
5014, c.l., same basis.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15¼
Polyamide, ED, Nos. 93, 94 and 95, f.o.b. works, all quantities..lb. .45 - —

R

Resinous oil, No. XI, returnable dms., works..lb. .0160- —

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations)
Staybelite ester, No. 1, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .17½ -
10 dms., same basis.....lb. .18½ -
1 dm., same basis.....lb. .19¼- -
smaller lots, same basis....lb. .24¼- —
No. 2, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1824- —
Staybelite ester, No. 3, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1974- —
10 dms., same basis.....lb. .2049- —
1 dm., same basis.....lb. .2149- —
smaller lots, same basis....lb. .2649- —
No. 10, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .14¼- —
No. 10, dms., same basis.....lb. .14¾- —
1 dm., same basis.....lb. .15 - —
smaller lots, same basis....lb. .20 - —
Super-Beckacite, RM-254, 1001, 1020, c.l..lb. .22 - —
l.c.l., same basis.....lb. .23¼- .24
1003, F.E., c.l.....lb. .21 - —
l.c.l., same basis.....lb. .21¾- .22
2000, M-K, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27¾- .28
2067, E-D, c.l.....lb. .23 - —
l.c.l., same basis.....lb. .23¾- .24
3011, c.l.....lb. .31¼- —
l.c.l. .....lb. .32 - 32¼

V

Vanadiset resins, divd., Baltimore-Washington area, Del., c.l..lb. .025 - —
under 2,000 lbs.....lb. .04 - —
Greater N. Y., N. J., Conn., c.l. lb. .015 - —
under 2,000 lbs.....lb. .04 - —
Maine, Mass., N. H., R. I., Ver., c.l..lb. .021 - —
under 2,000 lbs.....lb. .041 - —
Canada, Windsor to Montreal, c.l..lb. .022 - —
under 2,000 lbs.....lb. .043 - —
Ariz., Cal., Canada in general, Nev., N. M., Ore., Utah, Wash. State, c.l..lb. .028 - —
under 2,000 lbs.....lb. .047 - —
Pa., west of Susq. Riv., west and north of Williamsport, Md., Frederick and West. c.l..lb. .020 - —
under 2,000 lbs.....lb. .042 - —
Ala., Fla., Ia., Minn., Miss., c.l..lb. .021 - —
under 2,000 lbs.....lb. .044 - —
Ark., Colo., Neb., c.l.....lb. .023 - —
under 2,000 lbs.....lb. .043 - —
Greater N. Y., N. J., Conn., c.l. lb. .018 - —
under 2,000 lbs.....lb. .04 - —
Ga., Ill., Ky., Tenn., Mich., c.l. lb. .021 - —
under 2,000 lbs.....lb. .043 - —
Louisiana, Okla., Tex., Kan., Dakotas,c.l..lb. .023 - —
under 2,000 lbs.....lb. .043 - —
N. Y. State, Pa., East, c.l...lb. .020 - —
under 2,000 lbs.....lb. .042 - —
Ohio, Indr., W., Va., c.l.....lb. .019 - —
under 2,000 lbs.....lb. .042 - —
Mo., c.l.....lb. .021 - —
under 2,000 lbs.....lb. .043 - —
Wis., c.l.....lb. .021 - —
under 2,000 lbs.....lb. .044 - —
Idaho, Wyo., Mont., c.l.....lb. .028 - —
under 2,000 lbs.....lb. .047 - —
Vinylseal adhesive solutions, vinylite resin AYAB, 68-72% by weight, solution in acetone, A-70, drum lots, f.o.b. South Charleston, W. Va...gal. 2.75 - —
less than drum lots, same basis..gal. 3.00 - —
AYAF, 35% by weight, solution in acetone, A-35, drum lots, same basis..gal. 2.10 - —
less than drum lots, same basis..gal. 2.50 - —
modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T-24-9, 20-drum lots, same basis..gal. 2.00 - —
drum lots, same basis....gal. 2.25 - —
less than drum lots, same basis..gal. 2.50 - —
28% by weight, solution in 82% methyl acetate, MA 26-14, 20-drum lots, same basis. gal. 2.15 - —
drum lots, same basis...gal. 2.40 - —
less drum lots.....gal. 2.65 - —
All "Vinylseal" containers except 1-gal. also are returnable. Extra charge of 40c for 1-gal. containers; 55-gal. drums are valued at $5 each.
Vinyl chloride-acetate, VYLF, VYEH, VYNW, VYNU, VYNV, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va..lb. .35 - —
10,000 to 29,999 lbs., same basis..lb. .36 - —
200 to 9,999 lbs., same basis. lb. .37 - —
1 to 199 lbs., same basis..lb. .53 - —
VYNS, c.l. (30,000 lbs.), paper bags, same basis..lb. .47 - —
10,000 to 29,999 lbs., same basis..lb. .48 - —
200 to 9,999 lbs., same basis, lb. .49 - —
1 to 199 lbs., same basis..lb. .65 - —
modified vinyl chloride-acetate, VMCH, powdered, c.l. (30,000 lbs.), paper bags, same basis..lb. .42 - —
10,000 to 29,999 lbs., same lb. .43 - —
200 to 9,999 lbs., same basis, basis..lb. .44 - —
1 to 199 lbs., same basis..lb. .60 - —
Acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only), f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi river, c.l. (30,000 lbs.).....lb. .40 - —
2,000 to 29,999 lbs., same basis..lb. .43 - —
200 to 1,999 lbs, same basis. lb. .45 - —
1 to 199 lbs., same basis.lb. .60 - —
chloride resins, QYNA, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va.lb. .38 - —
10,000 to 29,999 lbs., same basis..lb. .39 - —
200 to 9,999 lbs., same basis, lb. .40 - —
1 to 199 lbs., same basis..lb. .58 - —
butyral resins, XYHL, XYHM, XYNC, granular, 93 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l..lb. .32 - —
10,000 to 29,999 lbs., same basis..lb. .33 - —
200 to 9,999 lbs., same basis, lb. .34 - —
1 to 199 lbs., same basis.lb. 1.00 - —

Z

Zinlac, orange or white, 50-gal. bbls..gal. 1.45 - -
kits (5 gals.).....gal. 1.85 - -
jugs (1 gal.).....gal. 1.90 - -

VELSICOL

Resins and Aromatic Solvents

SEARCH and RESEARCH

Unremitting cycle: problem — analysis, search — research to meet the urgent demands of war-time requirements, to make protective coating materials survive the brutal punishment imposed by war-time conditions. VELSICOL Resin technicians have supplied the answer to many of today's pressing problems; and the advances made in technology and product improvement through war-fostered search and research will be of material benefit to the protective coatings industry in normal peace-time production.

VELSICOL CORPORATION welcomes the opportunity of furnishing you with samples and complete information regarding its oxidizing and polymerizing resins, non-oxidizing resins, and aromatic solvents in all boiling ranges. Although all materials may not be currently available, inquiries will receive prompt attention.

VELSICOL

VELSICOL
Corporation

•

GENERAL OFFICES: 120 EAST PEARSON STREET, CHICAGO

PLANT: MARSHALL, ILLINOIS

"And Freedom's banner streaming o'er us"

Oil, Paint and Drug Reporter

Founded October 18, 1871, by
William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by

SCHNELL PUBLISHING COMPANY, INC.

59 John Street, New York 7, N. Y., U. S. A.

Telephone REctor 2-9820. Cable Address Reporter New York

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7.00; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1945, by
Schnell Publishing Company, Inc.

Volume 147 May 7, 1945 Number 19

Understanding Is Basic

Appraisal of the value of the San Francisco international conference on world security is so confused by magnified molehills as to be more than difficult. The clashing of ideologies has been aggravated by clashing of methods of approach and procedure, and by a large measure of failure, especially on the part of adjuvants to the United States delegates, to recognize that the conference, in composition, as well as in purpose, does not fit in with the "usual" methods of handling negotiations. The conference is new and different and big. It cannot be conducted and it cannot function on usual methods, because these have already failed in attempts to reach its prime purpose.

World security must be sought with full regard for the primary fact that its foundation must be economic. This demands a proper interpretation of the term, "economic," which will give due weight to all angles and influences and effects of the essential political, commercial, and social interdependence of all nations. The theoretical idea of equality must give way to the practical idea of equity; for the nations of the earth, the peoples of the earth are not equal one with another; but, their relations must be equitable in rights, in privileges, and in responsibilities.

In matters of approach it must be recognized that diplomacy is of many kinds; also that salesmanship in ideas cannot be evaluated for international service on the basis of its success in its home territory. The presentations which sell outlandish beliefs in one country will not sell a universally accepted idea in another. In truth, they may engender such irritation of a peculiar native imperviousness that a previously accepted idea may be rejected.

There is much to be learned at and from San Francisco with respect to international relations. If a goodly measure of understanding is acquired, the conference will have been a success, even though it produce no programs or blueprints of world security. If it fails to create and foster understanding, all its programs, blueprints, and finished structures will be no better than their predecessors.

—O-P-D—

Legality of Price Methods

Popular observation of the supreme court's decision in the glucose pricing case appears to leave two or three confused points of the application of the price-discrimination provisions of the Clayton act. Perhaps the most potent of these is concerned with the status of delivered prices and the concomitant allowance of a greater or less portion of freight charges. Some see in the decision the death warrant for the introduction of any factor of delivery cost into a selling price.

Fortunately for the maintenance of a widely employed system of marketing, the supreme court has not written into the Clayton act the proscription which Congress rejected in refusing to enact that all pricing be on an at-point-of-origin base. The dictum of the court in this respect is clear:—

> But, it does not follow that respondents may never absorb freight when their factory price plus actual freight is higher than their competitors', or that sellers, by so doing, may not maintain a uniform delivered price at all points of delivery, for in that event there is no discrimination in price.

Another confused point is that of what is basic in a finding by the Federal Trade Commission that an act of price-discrimination comes within the statutory category of detriment to competition. The law is clear in this respect. It requires only that the act be potentially harmful: actual harm need not be proved, but there must be a greater threat than that of mere possibility. The law proscribes acts which "may be substantially" effective "to lessen competition." And, it leaves to the commission the determination of the potentiality of harm. The supreme court has repeatedly held that the evaluating of facts and their interpretation is a function of the commission, not of the courts.

On this rests closely the other confused point of adequate support for administrative inferences, a point which lies in the attitude of business toward all regulatory administrative functioning. An administrative agency's findings of fact are conclusive, in the language of the enabling acts, when they are supported by the evidence. Many interpretations of that clause omit the definite article, "the," before "evidence," and seemingly assume that any favorable testimony constitutes support. When this point is properly laid before the courts, there is seldom any question of the fact that it is the preponderance of evidence which controls. A finding is not supported by evidence which cannot, of itself, stand up under the weight of opposing evidence.

The glucose price decisions are not going to wreck any sound method of pricing. The success which may attend further endeavors of the Federal Trade Commission to set up its theories of pricing as the statutory standards may be expected to be commensurate with the openings presented in the individual practices attacked.

Tariff Bargaining Views

There are some good grounds for opposing at least certain aspects of the tariff bargaining process which is officially referred to as a program of reciprocal trade agreements. Nothing can be perfect, even from a single point of view; and the bartering amendment to the policy of protective tariff has a hundred angles.

But, there are also some good features in the idea; although it is always difficult in such things to find anything universally considered good. So, outright condemnation of the system or process, or even of its working, cannot be constructive criticism, even in relation to interests that feel themselves harmed.

There is nothing constructive also in opposing tariff bargaining with specious arguments. That fault on the part of business has done much to foster the idea that there are a lot of things which government can do better than private enterprise is doing them.

Use of cliches as clinchers in such arguing persists. The agricultural officials of a number of States recently opposed tariff bargaining on the grounds that (1) only the large, industrial, economic royalists got any benefit from it; (2) agriculture has been adversely affected, because there is a net import balance in agricultural foreign trade and an export balance in manufactured articles. It could be mentioned that a variety of fertilizer materials and mixtures have been bound on the free list in several tariff bargains.

There are agricultural products on both sides of many of the tariff bargains. Data are not available for a fair effort to determine the net results: an undertaking which is also much twisted by the disturbed conditions of world trade. But, it is quite probable that the net import balance is the inevitable result of the fact that United States agriculture does not produce an exportable adequacy of what the peoples of other countries want. It certainly does not produce a large number of the fruits and oilseeds for which there is a demand in this country.

Consideration of the tariff bargaining act again emphasizes strongly the need for a competent, unbiased service of economic information for Congress.

—O-P-D—

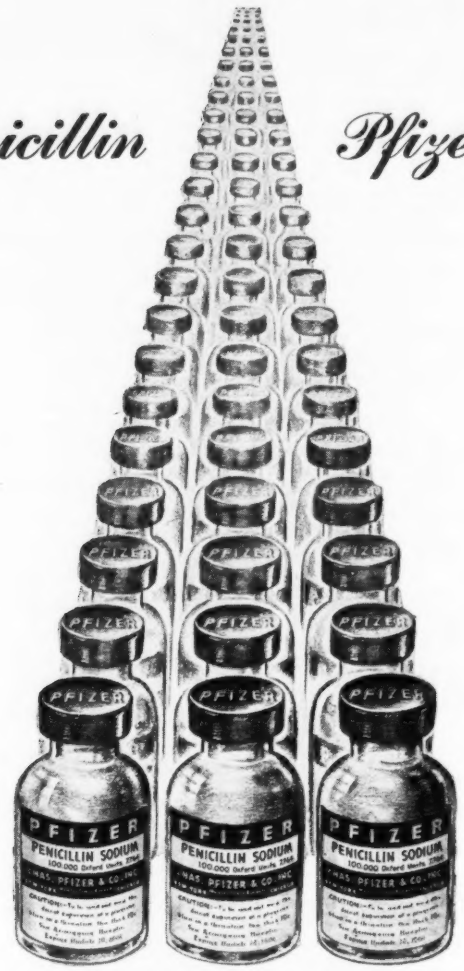
V-E Thanksgiving Day

The War Production Board asks that there be no dropping of war efforts, no stopping of industrial activity, no wasting of paper, no dissipation of energy in any celebrative joy over the collapse of German armed resistance. It is the board's view that the formal ending of the European phase of the global war will not in any manner be conclusive—even in that area—and that, therefore, the moment of collapse should be a serious one.

There can be no sane, logical disagreement with the WPB attitude. Destruction of the infernal nazi might is a reason for thanksgiving for the divine assistance which made it possible and the divine protection which spared this land the devastation that fell upon England, Russia, and the northwestern edge of the European continent.

The war will not be over until the last possibility of a recurrence of its bestial travesty of human behavior has been smashed to an irreducible minimum; until there shall be no more of the incompatibilities and intolerances by which it was engendered. As each progressive step thither succeeds, let there be no pause except for thanksgiving and for increasing the determination to carry on.

Penicillin Pfizer . . .



BRIDGING THE GAP BETWEEN DISCOVERY AND USE

To the scientists who tracked down and developed Penicillin . . . to the doctors and surgeons who administer it so skillfully . . . the world is deeply indebted. Before Penicillin could be widely used, however, it had to be produced commercially in large quantities. To bridge this gap between discovery and use, the developers of Penicillin turned to the manufacturers.

The unstable nature of the mold organism complicated their problem. Growing conditions were very exacting. And even when the mold grew, it sometimes failed to yield the vital substance. It was impossible to adapt the discoverers' laboratory methods to large-scale production. It meant intensified research and continual revision of production technique as one problem after another was solved.

Chas. Pfizer and Company were one of the first American manufacturers to work on Penicillin. When a satisfactory method for large-scale production had been developed, a Pfizer pilot plant was built. The pilot plant and the Pfizer research laboratories furnished the background for planning and building the present large-scale plant. Although this plant is producing far beyond its rated capacity, Chas. Pfizer and Company will strive to increase production until every demand for Penicillin is met.

THE WORLD'S LARGEST PFIZER QUALITY PRODUCER OF PENICILLIN

CHAS. PFIZER & CO., INC. • MANUFACTURING CHEMISTS • ESTABLISHED 1849

81 Maiden Lane, New York 7, N. Y. • 444 West Grand Avenue, Chicago 10, Ill.

Chemicals for Those Who Serve Man's Well-Being . . .

MAGNESIA

MAGNESIUM CARBONATE

Technical and U. S. P. Grades

•

MAGNESIUM OXIDE

Technical and U. S. P. Grades

EXTRA LIGHT

The *Original* Neoprene Type

A supreme quality product. Extremely fine state of division. Very Active. Calcined from carefully selected Carbonate. Uniform quality maintained through rigid laboratory control of modern production methods.

HEAVY

Many special types available for various specific uses. We can supply Heavy Magnesia finely ground to meet exacting screen test specifications or unground in granular form for chemical use. Shipments from stocks in Philadelphia, New York City, and Chicago.

PACKAGES—Specially designed to protect contents from moisture and air. Corrugated carton with special waterproof liner, and inner paper liner. Five-ply multi-wall bag, including asphalt liner. Special Export packages

GENERAL MAGNESITE & MAGNESIA COMPANY

Specialists in Magnesia

MANUFACTURERS — IMPORTERS — DISTRIBUTORS

2960 East Venango Street
PHILADELPHIA 34, PA.

ORONITE CHEMICALS

THE NAME TO WATCH IN CHEMICALS

ORONITE ALIPHATIC ACIDS

Typical Tests	Oronite Aliphatic Acids No. 50	No. 100
Specific Gravity at 60° F.	1.00	1.12
Equivalent lbs. per gallon	8.3	9.3
Aliphatic Acids content (by wt.)	90%	38%
Sodium salt of Aliphatic Acids (by wt.)	—	43%
Water and small amounts of inorganic salts and mineral oil (by wt.)	10%	57%
Acid number (10% water basis)	350	—
Free sodium hydroxide (lbs. per gal.)	—	0.05
Sodium sulfide (lbs. per gal.)	—	Trace
Approximate pH value	—	9

Oronite* Aliphatic Acids have excellent froth control properties so essential for the successful flotation treatment of ores. They are available in two grades. Oronite Aliphatic Acid No. 50 is a blend of aliphatic acids. Oronite Aliphatic Acid No. 100 is the sodium salt of the Oronite No. 50 grade and contains approximately 38% acid.

Complete details and technical information are available upon request.

ORONITE CHEMICAL COMPANY

Russ Building, San Francisco 4, California • 30 Rockefeller Plaza, New York 20, N. Y.
White-Henry-Stewart Bldg., Seattle 1, Wash. • Standard Oil Bldg., Los Angeles 15, Calif.

*REG. U.S. PAT. OFF. 1027

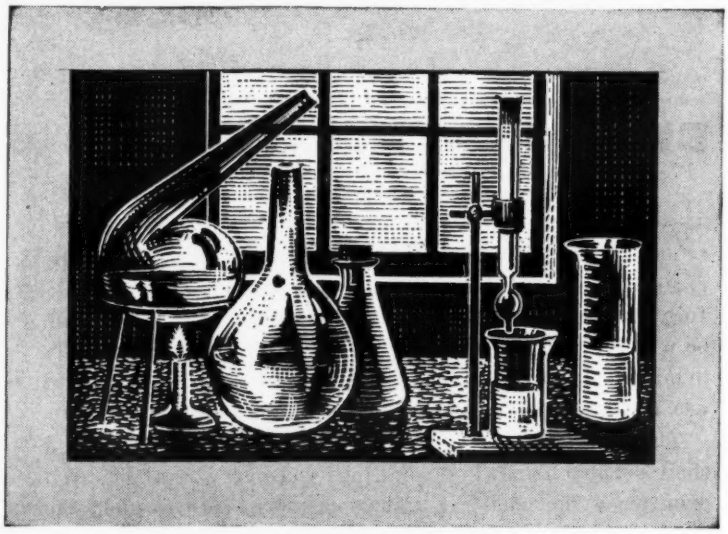
HYDROCHLORIC ACID

SALT CAKE

BAY CHEMICAL COMPANY

INCORPORATED

NEW ORLEANS 9, LA.



SODIUM BENZOATE U. S. P.

Standard and Powdered

BENZALDEHYDE N. F., F. F. C.

Technical

Prompt service to any part of the United States

•

TENNESSEE PRODUCTS CORP.

PLANT AT CHATTANOOGA, TENN.
GENERAL OFFICES: NASHVILLE, TENN.

•

SALES REPRESENTATIVES

WM. S. GRAY & COMPANY
342 Madison Avenue New York 17, N. Y.
Phone: MUrray Hill 2-3100

Heavy Chemicals

Aside from creating a feeling of conservatism, effects of prospective cutbacks in the military program were not reflected in the market for heavy chemicals last week. Demand for shipments against existing contracts was heavy and there was no appreciable easement to the overall supply situation. Lost tonnage occasioned by the ice-storm and embargo early in the year has piled additional pressure on producers and efforts to even contract schedules have been retarded by the continued manpower shortage. Trade opinions indicate that the main effects of cutbacks in artillery ammunition will be felt mostly in the Fall and Winter months. It is expected that the year following Germany's defeat, munitions output will drop 50 percent and that the industry can furnish war requirements and devote more plant capacity to civilian needs. The export inquiry was reported good with some shipping space open, but with scarcely any material available.

Bulk soda ash moved freely from plants but there was no important change in the supply of packaged goods either in soda ash or soda caustic. Producers at present cannot overcome the manpower shortage. In order to assume adequate military supplies of soda metasilicate, WPB has down graded AA-1 maintenance, repair and operating supply ratings to AA-2, while AA-2 MRO ratings are reduced to AA-3. Because increased demand for this chemical has thrown the market out of balance, it may go under allocation in the near future. Antimony oxide remained booked to capacity. Naphthenic acid has tightened further and trade reports indicated that May allocations would be restricted mostly to the manufacture of copper naphthenate. It was stated that this chemical has been found a satisfactory substitute for copper carbonate in the prevention of mildew. Practically all the copper carbonate output is said to be channeled for government use.

Paper production as a percentage of six-day capacity was 87.0 in the week ended April 28, according to the American Paper and Pulp Association. This compares with 90.7 in the previous week and 89.8 percent a year ago.

Ammonia Liquor—March production as a by-product was given by the Bureau of Mines at 4,823,629 pounds compared with 4,520,704 pounds in February. Stocks at the end of March were 1,533,212 pounds against 2,047,792 pounds at the end of February.

Beryl Minerals—Geological maps and sections of the Helen Beryl pegmatite, Custer County, South Dakota, have been released by the Geological Survey. The deposit was studied and mapped as part of the investigations carried on concurrently with exploration and sampling done by the Federal Bureau of Mines. The beryl occurs in quartz-albite-beryl and microcline-quartz pegmatite as euhedral crystals, "shells," and anhedral grains. The mineral varies from clear to opaque, and may be colorless, greenish, smoky or yellowish. A geologic map and cross sections are available to anyone directly interested in the deposit and may be obtained upon application to the director, Geological Survey, Washington 25, D. C.

Calcium Metal — WPB has announced revocation of the order governing the production and distribution of calcium metal. The revoked order is M-303 issued May 25, 1943, which established allocation control of calcium metal. The revocation was in line with WPB's policy of eliminating retroactive controls on industry as soon as war conditions permit.

Carbon Bisulphate—War Food Administration purchased for lend-lease 8,250 pounds for $474 during the month of March.

Copper Carbonate—Reported that production has been channeled to the government for use in the prevention of mildew in cloth essential to the military program. Supply position exceedingly tight.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	169.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Copper Metal—Military consumption of copper will be reduced about 15 percent from the current level with a one-front war, WPB estimated. The copper division explained that the reduction from actual use in the first quarter of this year would be about 345,000,000 pounds of copper and alloys. In terms of refined copper content, the saving would be approximately 148,000,000 pounds quarterly.

Copper Sulphate—See report under insecticides, Agricultural Chemicals, on another page of this issue.

Dichlorodifluoromethane — Conservation M-28 has been revoked. This revocation does not affect any liabilities incurred under this order. The order and revocation also applies to monochlorodifluoromethane.

Nickel Chemicals—Users of nickel are taking part of their requirements in the form of nickel oxides in an effort to stretch available nickel supply to meet essential war needs, the WPB reported. Approximately 10 percent of April nickel allotments issued by WPB's steel division were in the form of oxides. Allotments of part of the metal in oxides will continue as long as nickel remains in scarce supply, division spokesmen said. The nickel supply averages about 15,000,000 pounds monthly, but demand is considerably in excess of this figure. It is problematical whether V-E Day will bring much relief, because of stepped-up demands for nickel in new military weapons, WPB said. Nickel oxides are being imported from Cuba.

Salt—Purchases of 122,400 pounds of table salt for $1,454 were made by the War Food Administration during March for lend-lease. Purchases of 321,800 pounds, costing $3,374 have been made so far this year.

Soda Ash—Bulk soda ash continued to hold a favorable position in regard to shipments while no appreciable improvement could be noted in reference to ash in bags. The manpower shortage has made progress slow at the packing units in producing plants. Consuming demand remained heavy enough to hold the market in the same tight position.

Soda, Caustic—No easement in consuming demand could be noted. Producers have been under pressure to make contract deliveries, which are behind schedule for material in drums. The shortage of manpower is the principal cause for delayed shipments at present. Liquid in tanks remained in the best shape with fused second and flaked last. A tight market position prevailed at the close of the week with exports out on account of the scarcity of material.

Soda Chlorate—Manpower shortage has forced delays in shipping this chemical. Some producers are considerably behind their allocated quota at present and are not impressed by the outlook for labor.

Acids

Chromic—Market position has shown better balance of late. Increased production some months ago has afforded better distribution under WPB control.

Hydrofluoric — Demand continued active with regular consumers getting their requirements covered as well as the government. Some difficulty has been experienced in getting containers. The rubber drums have been more troublesome to secure than the material, according to some producers.

Naphthenic—Shipments for military use have cutback the supply to other consumers. The trade is looking for a tightening of May allocations. It is expected that little will be made available except for the manufacture of

For Current prices see alphabetical listing beginning on page 9.

SODIUM SULPHIDE

BARIUM CARBONATE — BARIUM CHLORIDE

BLANC FIXE — BARIUM PEROXIDE

BARIUM OXIDE — BARIUM HYDRATE

Manufactured by

BARIUM REDUCTION CORPORATION

OFFICE AND WORKS: SOUTH CHARLESTON, W. VA.

OPD—5-7-1945 37

Another Pittsberg Product

METHYL BROMIDE

A highly effective fumigant with many applications; grain, fresh and dried fruits and vegetables, etc.

We invite your inquiry on other chemicals

MANUFACTURED BY PITTSBERG CHEMICAL CO.

3100 EAST 26TH STREET, VERNON, CALIF.

SILICATE OF SODA

40° and 60°

EXPORT - DOMESTIC

TURPENTINE - LINSEED OIL - MINERAL SPIRITS

CHAS. L. READ & CO., Inc., 120 Greenwich St., NEW YORK 6, N.Y.

Telephone COrtlandt 7-8865

FINEST QUALITY

BICARBONATE OF SODA

SAL SODA (Carbonate of Soda Crystals)

MONOHYDRATE OF SODA

CHURCH & DWIGHT CO., Inc.

70 PINE STREET — Phone Digby 4-2181 — NEW YORK 5, N. Y.

CRESYLIC ACID

AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.

180 MADISON AVENUE, NEW YORK

Telephones: AShland 4-2265 and 4-2266

BARIUM & CHEMICALS INC.
WILLOUGHBY, OHIO

BARIUM AND STRONTIUM PRODUCTS — OXIDE (Porous Free from Carbides), HYDRATE, HYDROXIDE, PEROXIDE, FLUORIDE, CHLORIDE, OXALATE, CITRATE, TARTRATE

CHROME OXIDE — SELENIUM SALTS
VITRO MANUFACTURING CO., Corliss Station, Pittsburgh, Pa.

LOOK to Michigan for . . .
CALCINED MAGNESIA— for neoprene compounding
METHYL BROMIDE— for effective fumigation
HYDROBROMIC ACID— for organic synthesis
DDT (under WPB Allocation)— the miracle insecticide
PROMPT shipment of these and other chemicals
MICHIGAN CHEMICAL CORPORATION
Main Office and Plant. SAINT LOUIS ➡ MICHIGAN
Eastern Sales Office: 70 East 45th Street, New York 17, N.Y.

Maas
THE STANDARD OF THE MOTION PICTURE INDUSTRY
PHOTO-PURE Sodas
SODIUM SULFITE Anhydrous
SODIUM HYPOSULFITE Diamond, Pea Crystal
SODIUM CARBONATE MONOHYDRATE
SODIUM THIOSULFATE Anhydrous
GLACIAL ACETIC ACID
HYDROQUINONE
ARMOL
POTASSIUM ALUM
BORAX
BORIC ACID
★ *And a complete line of photographic chemicals.*
A. R. MAAS CHEMICAL CO.
4570 ARDINE STREET · SOUTH GATE, CALIFORNIA
"ARMED FOR CHEMICAL SERVICE"

KEEP AN EYE ON NAYLEE
CHEMICALS FOR INDUSTRY
CHLORINATED HYDRO CARBONS
MURIATIC ACID
WETTING AGENTS
TUBE DRAWING COMPOUNDS
NAYLEE
NAYPAR
CHLORINATED PARAFFIN
For Fireproof, Waterproof and Mildewproof Coatings
NAYLEE CHEMICAL COMPANY
Milnor St. & Robbins Ave., Philadelphia 35, Pa.
(Warehouses from Coast to Coast)

copper naphthenate, which is being used extensively to prevent mildew on cloth owing to the sold-up production of copper carbonate.

Oxalic—Production sold ahead with market position tight. Manpower shortage has delayed shipments and some producers will not accept orders this side of July. Some business has been entered for July-August, and it is said to be doubtful if much better than the inside month can be booked at present on carlot orders.

Sulphuric—Shipments for military use and for the manufacture of high octane gasoline have continued to take a lot of current production. The supply for civilian use is limited and the supply situation has the same spotty appearance recently noted.

Baltimore, May 4.—Production of sulphuric acid continues at levels for the different plants that enable the government to obtain an adequate supply for war purposes, which seem to be decreasing, with a prospect that the output available for other uses will be gradually increased. The price levels remain at the highs realized in March three years ago, with renegotiation in prospect whenever the government authorities feel that reasonable profit margins are being exceeded. Acid-making materials are being received in adequate quantities, so that the industry appears to be getting along without any controversial matters to cause complications. The trade as a whole is running along on a satisfactory basis.

Techter Succeeds Haskell In Barrett Division Post

S. B. Haskell has resigned as manager of the sales agency department of the Barrett Division of the Allied Chemical & Dye Corporation, New York. He is being succeeded by Fred T. Techter, who from May 1 on is in charge of sales of nitrogen products and of tankcar quantities of light oil distillates for Barrett. Mr. Haskell will, however, continue with Barrett Division in an advisory capacity.

Corn Products Transfers Adam to New York

R. R. Adam, vice-president and Western division manager in Chicago of Corn Products Sales Company, has moved to the company's New York office. Mr. Adam will continue to supervise activities of all western division branch offices and the sales of both bulk and package products in that territory.

Apex Chemical Names United Kingdom Agent

L. Light & Co., Ltd., Wraysbury, Bucks, England, manufacturer of fine chemicals, will represent in the United Kingdom the Apex Chemical Company, New York and Elizabeth, N. J. on its lactic acid, thioglycollic acid and salts, as well as other organic chemicals.

Pacific Chemical Names J.T. Phillips President

James T. Phillips has been named president of the Pacific Chemical & Fertilizer Company, Honolulu, Hawaii, succeeding H. A. Walker who has been named chairman of the board.

Van Pelt Joins Battelle

J. Robert Van Pelt, former technical director of the Museum of Science and Industry, Chicago, has joined Battelle Memorial Institute. He will assume responsibility for an expanded program of research education.

Trade Briefs

Keen Johnson, for a year assistant to the president of the Reynolds Metals Company, New York, has been made vice-president.

Hill Brothers Chemical Company plant in Los Angeles, was damaged by fire last week. The loss was placed at $60,000.

Oliver H. Clapp, a vice-president of Stein, Hall & Co., Inc., New York, has returned from a four months' business trip to Brazil.

Comet Engineering & Chemical Company is the firm name under which Chester H. Fortin, Paul C. John and George C. Wald have published a certificate that they are conducting business at 6036 Sepulveda boulevard, Van Nuys, Calif.

Kiln Burned
HARDWOOD CHARCOAL
Now Available at
$32. PER TON BULK BASIS
f.o.b. Argyle or Meta, Missouri, or Baron, Oklahoma. (Our Option)
PAPER BAGS, $4.00 Per Ton Over Bulk
BURLAP BAGS, $5.50 Per Ton Over Bulk
Lump, Granular, Powdered
Subject to allocation by War Production Board.
Prices subject to change without notice
ALABAMA CHARCOAL CO.
Division of
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY, MISSOURI

CAL-A-SAL
PATENTED
SAL AMMONIAC SOLID
ONE POUND CAKES
FOR SOLDERING, TINNING, PLATING, GALVANIZING AND FLUX
H. H. ROSENTHAL CO.
25 E. 26th ST., NEW YORK 10, N. Y.
Cable Address "RODRUG" All Codes
IMPORT EXPORT

NICKEL SULPHATE
Exceptional Purity
LOTTE CHEMICAL CO., Inc.
Manufacturers
PATERSON NEW JERSEY

CROTON

SODIUM NITRITE

(Double Refined U. S. P.)

POTASSIUM NITRATE • SODIUM NITRITE • SODIUM NITRATE
BORAX • BORIC ACID • POTASSIUM CHLORIDE • CAUSTIC SODA
SODA ASH • SODIUM PERBORATE • CUROSALT (for curing meat)
WELDING FLUXES • FLAMEPROOFING COMPOUNDS • SPECIAL
PRODUCTS USED IN REFINING AND CASTING OF MAGNESIUM
AND ALUMINUM

INDUSTRIAL CHEMICALS SINCE 1836

CROTON CHEMICAL CORPORATION.

114 LIBERTY STREET, NEW YORK, 6, N. Y. PHONE RECTOR 2-0403

Stauffer CHEMICALS SINCE 1885

SILICON TETRACHLORIDE

Boric Acid • Carbon Tetrachloride • Borax
Titanium Tetrachloride • Sulphur Chloride
Silicon Tetrachloride • Sulphuric Acid
Caustic Soda • Tartar Emetic • Liquid
Chlorine • Sulphur • Sodium Hydrosulphide
Carbon Bisulphide • Textile Stripper.

STAUFFER CHEMICAL CO.

420 Lexington Avenue, New York 17, N. Y.
444 Lake Shore Drive, Chicago 11, Illinois
424 Ohio Bldg., Akron 8, O.
Orlando, Florida
555 South Flower Street, Los Angeles 13, Cal.
636 California Street, San Francisco 8, Cal.
North Portland, Oregon
Houston 2, Texas

Ammonia **ALUM** Potash

ALL GRADES

INTERBORO CHEMICAL CO.

32 Cliff Street, New York 7, N.Y. BEekman 3-2959

POTASSIUM CHLORATE

INTERNATIONAL SELLING CORP.

67 Broad Street, New York 4, N. Y. WHitehall 4-7490

METOL

(Monomethylparaminophenol Sulfate)
Registered Trade-mark
Sole Licensee

TANNIC ACID • GALLIC ACID

(U. S. P. and Technical Grades)

ZINSSER & COMPANY, Inc.

HASTINGS-ON-HUDSON, NEW YORK

POTASSIUM FERRICYANIDE

(Red Prussiate of Potash)

HUNT CHEMICAL WORKS, Inc.

271 RUSSELL STREET, BROOKLYN 22, N. Y.

Telephone EVergreen 9-4855

CCI

TEXINE Acid Inhibitor

A stable synthetic organic liquid readily miscible in mineral acids.

Does not appreciably retard the reaction of acid on metallic compounds, but retards normal action of acid on metals.

Texine inhibited acid is a highly efficient tool for removal of scale from industrial equipment. Texine Acid Inhibitor is available for prompt shipment in 50-pound cans or 400-pound drums.

SALES OFFICES

HOUSTON, TEXAS
NEW YORK, N. Y.
SAN FRANCISCO, CAL.

PLANT LOCATIONS

SAN FRANCISCO, CAL.
WOBURN, MASS.
BASTROP, LA.
BATON ROUGE, LA.
FORT WORTH, TEXAS
HOUSTON, TEXAS
LITTLE ROCK, ARK.
BUENOS AIRES, ARGENTINA

We Solicit Your Inquiries

CONSOLIDATED CHEMICAL INDUSTRIES INC.

Postwar Production

—*Continued from page 7*

will be the same as in Group III and IV and unclassified areas.

Controlled materials—copper, steel and aluminum—will not be available in the immediate future, according to WPB officials, for deferred allotments under the spot authorization procedure. However, attention is called to the fact that idle and excess stocks may be used for the production of civilian type goods under the procedure, and these items may be used immediately for authorized production.

In addition, it was pointed out, the controlled Materials Plan will be "open-ended" when conditions permit, with the result that the spot procedure will become less important as a mechanism for authorizing civilian goods output.

Relaxing Controls

Mr. Krug emphasized that the relaxation of WPB controls will be very gradual in view of the urgent necessity of maintaining all military production needed to pace with accelerated military operations in the Pacific. Because of these heavy demands the supply situation for textiles, leather, lumber, forest products, rubber products, many chemicals and certain other strategic materials will continue extremely short, and this situation may continue throughout the Japanese war.

Orders Revoked

For the most part the orders and directives revoked by the board during the week had to do with metals. Only a comparative few of the orders covering chemicals and their uses were withdrawn. Among the revocations were the following:—

M-28 and M-28a controlling production and distribution of Freon-12 and Freon-22.

M-53 restricting the formulations of printing inks.

M-154 restricting the use of nitro-cellulose in the manufacture of specified products.

M-303 providing allocation control of calcium metal.

L-108 restricting finishes on metal working equipment to one coat of primer and not more than two coats of paint, enamel or lacquer.

L-214 and schedules 2 and 3 providing simplification of various types of medical equipment and supplies.

Fergusson Names Manager For Allentown Branch

Alex. C. Fergusson Company, Philadelphia, has appointed Charles H. Blessing as manager of its Allentown branch. The company has maintained an office and chemical warehouse in Allentown for many years to better serve the diversified industries in Lehigh, Berks and surrounding counties in Pennsylvania. Mr. Blessing has been associated with the company for the past six years.

Diamond Alkali Marketing Chlorinated Paraffin Wax

The Diamond Alkali Company, Pittsburgh, is offering a new chlorinated paraffin wax which is resinous in nature and has flame resistant and moisture resistant properties. The product will be marketed under the name of 'Diamond Chlorowax,' is said to be non-toxic.

DPC Butadiene Plant In Los Angeles Damaged

A butadiene plant in Los Angeles, owned by the Defense Plant Corporation and operated by the Shell Oil Company, was damaged by an explosion followed by fire last week. Damage was placed at $200,000.

Deahl Advanced by Cheplin

Neulon Deahl has been elected a vice-president of Cheplin Laboratories, Inc., Syracuse, N. Y. He joined Cheplin Laboratories in 1944 as a director of control.

Current Prices

—*Continued from page 31*

Zinc arsenite,[1] bgs., c.l., frt. alld. E. of Rockies	lb.	.11¾- .13½
l.c.l., same basis	lb.	.12¾- .13¾
Borate, bgs., c.l.	lb.	.12 - —
Carbonate, tech., rubber makers' grade, bbls., works	lb.	.09¾- .10¾
USP, precip., powd., bbls.	lb.	.35 - —
dms.	lb.	.40 - —
kgs.	lb.	.37 - —
Chloride, tech., fused, dms., c.l., works	100 lbs.	5.00 - —
l.c.l., works	100 lbs.	5.35 - —
gran., dms., c.l., works	100 lbs.	5.75 - —
l.c.l., works	100 lbs.	6.50 - —
solution, 50%, dms., c.l., works	lb.	.0315- —
l.c.l., works	lb.	.04¼- .04½
tanks, works	lb.	.0250- —
USP, dms	lb.	.30 - .31
jars	lb.	.35 - .36
Chromate (see Yellow, Zinc).		
Cyanide, kgs., works	lb.	.33 - 37
Dust,[6] bbls., c.l., dlvd	lb.	.1035- —
l.c.l., works	lb.	.1135- —
Fluoride, bbls	lb.	.25 - .30
Hydrosulphite, dms., works	lb.	.16 - —
Iodide, NF, bots	lb.	4.68 - 4.75
jars	lb.	4.40 - —
Laurate, bbls	lb.	.32 - .33
Metal,[1,5,6] (quotations in Protective Coatings market).		
Naphthenate, 8%-10% Zn, dms.,	lb.	.16 - .19½
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd	lb.	.07¼- —
l.c.l., dlvd	lb.	.07½- —
Zinc oxide, pigment, dom., American process, com'l, lead free,[6] bgs., c.l., dlvd	lb.	.07¼- —
l.c.l., dlvd	lb.	.07½- —
leaded,[6] 50%, bgs., c.l., dlvd	lb.	.07½- —
l.c.l., dlvd	lb.	.07¾- —
35% or more, bgs., c.l., dlvd	lb.	.07 - —
l.c.l., dlvd	lb.	.07¼- —
French process, com'l, lead free,[6] bgs., c.l., dlvd	lb.	.07¼- —
l.c.l., dlvd	lb.	.07½- —
green seal, bgs., c.l., dlvd.,	lb.	.09 - —
l.c.l., dlvd	lb.	.09¼- —
red seal, bgs., c.l., dlvd	lb.	.08½- —
l.c.l., dlvd	lb.	.08¾- —
white seal, bgs., c.l., dlvd.,	lb.	.09½- —
l.c.l., dlvd	lb.	.09¾- —
Zinc oxide Pac. Coast prices ½c. higher: bbl. prices ½c. higher than bgs.		
USP,[6] 50-lb. ctns., c.l.	lb.	.10½- —
l.c.l.	lb.	.10¾- —
Resinate,[8] 8.7% Zn, dms.	lb.	.14½- —
fused, pale, bbls.	lb.	.11 - .12
precipitated, dms., dlvd.	lb.	.15 - —
Silicofluoride, bbls.	lb.	.15 - .16
Stearate, tech., ctns., c.l., frt. equald.	lb.	.29 - —
smaller lots, same basis.	lb.	.30 - .31
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l., wks., frt. alld.	100 lbs.	3.40 - —
l.c.l., same basis	100 lbs.	4.15 - —
flake, bgs., c.l., same basis,	100 lbs.	3.80 - —
l.c.l., same basis	100 lbs.	4.55 - —
powd., bgs., c.l., same basis.,	100 lbs.	5.35 - —
l.c.l., same basis	100 lbs.	6.10 - —
Zinc sulphate, in bbls., 25c. higher.		
Sulphide,[1,6] pure, bgs., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd	lb.	.08½- —
bbls., c.l., dlvd	lb.	.08½- —
l.c.l., dlvd	lb.	.08¾- —
Barium pigment, bgs., c.l., dlvd.	lb.	.0560- —
l.c.l., dlvd.	lb.	.0585- —
Calcium pigment, bgs., c.l., dlvd.	lb.	.0560- —
l.c.l., dlvd.	lb.	.0585- —
Fluorescent pigment, works, frt. alld.	lb.	.90 - 1.00
Magnesium pigment, bgs., c.l., dlvd.	lb.	.05¾- —
l.c.l., dlvd.	lb.	.06 - —
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.		
Sulphocarbolate, NF, bbls., dms.	lb.	.28 - .31
Tallate, 5% Zn, dms	lb.	.09¾- —
Yellow (see Yellow, Zinc).		
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.65 - —
l.c.l., works	100 lbs.	6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld.	lb.	2.00 - 2.80
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.06 - —
l.c.l., dlvd. E. of Rockies,	lb.	.06¼- —
Pac. cst.	lb.	.06½- —
ex whse., Pac. cst.	lb.	.07 - —
Zirconium hydride, cns., works,	lb.	7.00 - 8.00
Nitrate, kgs., works	lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton.	75.00 -100.00
ex whse., Pac. cst.	lb.	.07 - —
white, 98%, grd., kgs., works,	lb.	1.80 - 2.00

Chemical Workers Earnings Decline

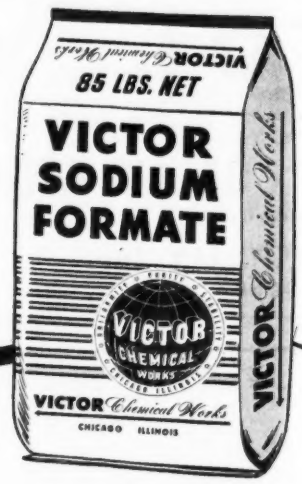
Weekly earnings of factory workers in chemical and related fields showed a slight decrease in February, 1945, as compared with January, 1945. A breakdown of the weekly earnings for the chemical and allied industries follows:—

Average Earnings

	Weekly		
	Feb., 1945	Jan., 1945	Dec., 1944
Chemical and allied products	$44.31	$44.33	$44.06
Ammunition	44.82	46.01	46.04
Chemicals	53.63	53.31	52.64
Cottonseed oil	29.00	28.94	29.40
Crude petroleum production	55.32	54.34	53.97
Drugs, medicines, insecticides	36.32	36.23	35.72
Explosives, safety fuses	46.41	47.25	46.79
Fertilizers	31.12	30.57	30.48
Paints and varnishes	47.29	46.86	46.59
Petroleum refining	59.14	58.55	59.28
Rayon, allied products	39.36	39.51	39.08
Soaps	49.15	48.63	49.11

John A. Hill, formerly secretary of the Air Reduction Company, New York, has been elected vice-president.

How many bags would you like shipped to you today?



VICTOR SODIUM FORMATE

PARTIAL LIST OF
VICTOR
Chemicals

Acids . . . formic, metaphosphoric, oxalic, phosphoric, polyphosphoric.

Formates . . . aluminum, sodium, sodium boro—.

Metaphosphates . . . aluminum, ethyl.

Orthophosphates . . . ammonium, calcium, iron, magnesium, potassium, sodium.

Oxalates . . . calcium, sodium.

Phosphorus (yellow)

Ferrophosphorus

Phosphorus compounds . . . chlorides, pentoxide.

Pyrophosphates . . . calcium, sodium acid, sodium iron, tetrapotassium, tetrasodium.

Sulphates . . . magnesium, sodium aluminum.

Here's another Victor chemical available for immediate shipment. Despite continued wartime demands for all chemicals, the production of Victor Sodium Formate is sufficient today to take care of all normal requirements. A white, odorless powder, soluble in water, Victor Sodium Formate is noted for its high purity. It is packed in 85-lb. multiwall paper bags. Prompt shipments made from Chicago Heights, Illinois, plant or east coast warehouse stocks.

In the *tanning industry* Victor Sodium Formate is becoming increasingly popular for chrome tanning. Chrome tanning can be accelerated when the pH of the bath ranges between 5 and 6. Victor Sodium Formate is able to accomplish this without the chromate precipitating from the tanning liquor.

Victor Sodium Formate is also used as a constituent of certain plating baths and as a raw material in the manufacture of intermediate and organic chemicals.

VICTOR *Chemical Works*

HEADQUARTERS FOR PHOSPHATES • FORMATES • OXALATES

141 West Jackson Boulevard, Chicago 4, Illinois

NEW YORK, N. Y.; KANSAS CITY, MO.; ST. LOUIS, MO.; NASHVILLE, TENN.; GREENSBORO, N. C.

PLANTS: NASHVILLE, TENNESSEE; MT. PLEASANT, TENNESSEE; CHICAGO HEIGHTS, ILLINOIS

Mines Bureau Names Metal Economics Div. Head

OPD Washington Bureau

Charles White Merrill has been made chief of the Metal Economics Division of the Bureau of Mines. Associated with the bureau since 1928, when he joined the staff of the Economics and Statistical Branch as a mineral economist, Mr. Merrill has served as supervising engineer of the bureau's economics and statistics office at San Francisco since 1933. He succeeds Thomas H. Miller, who recently was made assistant chief of the Economics and Statistics Branch of the Bureau of Mines.

Cummings Now Colonel

Lieut. Col. S. N. Cummings on leave of absence from the Pylam Products Company has been advanced to the rank of Colonel. Colonel Cummings is chief of the Chemical Commodity Division of the Chemical Warfare Service in New York.

N.Y. Laboratory Supply Buys Varick Street Building

The New York Laboratory Supply Company, dealer in supplies and chemical apparatus for industrial laboratories, has acquired the seven-story building at 78 Varick street, formerly occupied by Sharp & Dohme, pharmaceutical manufacturers, Philadelphia.

Clorox Chemical Names Wolford Vice-President

Clorox Chemical Company, San Francisco, has named W. L. Wolford executive viec-president. He has been secretary and treasurer since 1941, to which posts E. M. Matson has been named.

GUARANTEED 94% PURE
POTASSIUM PERSULPHATE CRYSTALS
100% will pass through a 20 mesh screen
PENNSYLVANIA SALT MANUFACTURING COMPANY
Chemicals
1000 WIDENER BUILDING, PHILADELPHIA 7, PA.
New York • Chicago • St. Louis • Pittsburgh • Cincinnati • Minneapolis • Wyandotte • Tacoma

LIQUID Sulfur Dioxide by ANSUL
LOOK FOR THESE TRADEMARKS
LIQUID Methyl Chloride by ANSUL
• PURITY • QUALITY • ECONOMY • DEPENDABILITY
*REG. U. S. PAT. OFF.
ANSUL CHEMICAL COMPANY
MARINETTE, WISCONSIN
Eastern Office: 60 E. 42nd St., New York City

MURIATIC ACID
(TANK CARS & CARBOYS)
DEMSEE ASSOCIATES
PENNSYLVANIA BLDG. • PHILADELPHIA 2, PA.

FLAKE and SOLID
SODIUM SULFIDE
60-62%
BARIUM CHEMICALS
Manufactured by
CHEMICAL PRODUCTS CORPORATION
CARTERSVILLE, GA.

EPSOM SALT
U. S. P.—Technical—Stock Food Grades
International
MINERALS & CHEMICAL CORPORATION
General Offices • 20 North Wacker Drive • Chicago 6
CHEMICALS • PHOSPHATE • POTASH • FERTILIZER

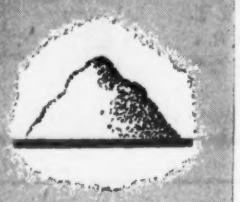
COBALT
OXIDE
SULPHATE
HYDRATE
ACETATE
CERAMIC COLOR AND CHEMICAL MFG. CO., 1000 13th St., New Brighton, Pa.

LITHIUM SALTS
Carbonate Fluoride
Chloride Hydroxide
Now Available
METALLOY CORPORATION
RAND TOWER MINNEAPOLIS, MINN.

Niacet Specializes in Acetates
If you need or use Acetates, Niacet is prepared to serve you. Our years of chemical "know how" and our complete processing equipment combine to produce acetates that are of the highest quality to assure you of accurate and dependable results.
Pure High Quality Acetate Salts Available Now!
ALUMINUM ZINC
COPPER SODIUM
AMMONIUM POTASSIUM
MANGANESE MAGNESIUM
Other Acetate Salts Prepared to Meet Your Needs
For Complete Information Write Today!
NIACET CHEMICALS CORPORATION
4703 Pine Avenue • Niagara Falls, N. Y.

R.W. Greeff & Co. Inc. RWG New York, U.S.A.
INDUSTRIAL AND PHARMACEUTICAL Chemicals
DIETHYLENE TRIAMINE
Minimum amine content 98%.
Continuing supply available free of all restrictions.
Manufactured by
F. C. BERSWORTH LABORATORIES
Framingham, Mass.
R.W. GREEFF & CO.
10 ROCKEFELLER PLAZA NEW YORK CITY
TRIBUNE TOWER CHICAGO, ILL.

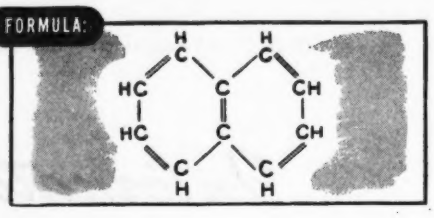
NAPHTHALENE

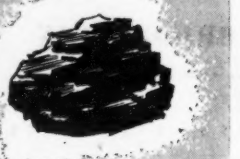


DEFINITION: A crystalline chemical compound of carbon and hydrogen found abundantly in coal-tar. It was early termed "tar camphor."

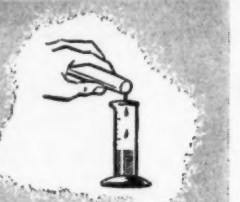
HISTORY: Naphthalene was discovered in coal-tar by Garden and Brande in 1819 and its chemical constitution determined by Michael Faraday in 1826. It was proposed for enriching water gas in 1862. Use for manufacture of naphthols for the synthetic dye industry commenced about 1873.

FORMULA:

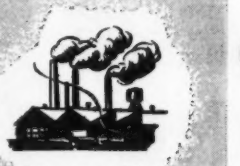




SOURCES: Traces of naphthalene occur in certain vegetable products. Some naphthalene has been recovered from specially processed petroleum fractions, but the principal source of naphthalene has always been coal-tar.



CHARACTERISTICS: Pure naphthalene is produced as white crystal flakes or chips which melt at 79.4° C or above. It boils at 218° C. It vaporizes slowly at room temperature. It has a clean penetrating odor; is soluble in benzene, hot alcohol and ether, but is practically insoluble in water. It burns with a smoky flame.



USES: Serves as a moth preventive and insecticide for household, institutional and agricultural use; as a raw material for phthalic anhydride, dyes, waxes, tanning agents, pharmaceuticals and plasticizers.

GRADES: Industrial: 74° and 78° crude in tank cars and barrels: 79.4° refined in tank cars and as chipped, crushed or flake in barrels and multi-walled bags. Household: flake and ball in 16-, 12-, 10-, 8-ounce packages; flake and ball, powdered or rice form, in barrels, bags and 50-pound bulk cases.

NOTE: Deliveries today are restricted by the primary requirements of naphthalene for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.

The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

Coaltar Chemicals

Supply conditions in basic coaltar chemicals continued tight with demand stretching well over the current production level. How much the expected cutback in military shipments will affect the market is an unknown problem, but the expanded consuming fields that have been developed during the war suggest the pulling in of a lot of slack, temporarily at least. The opinion was expressed in the trade that progress made in the manufacture of synthetic rubber will readily account for any benzol that may be released. Possibilities concerning toluol and xylol are confused with the chance that demand may be sustained until Japan is defeated. The popularity of synthetic resins may keep naphthalene under high tension for some time. At best, however, there is nothing decisive in the outlook, WPB is running the show and what this agency says, goes.

No relief has been accorded the anilin oil situation. Inventories are probably at the lowest level in recent years with demand expanding and output held down by manower shortage and the stringency in benzol. The broad demand for phthalic anhydride has sustained an exceedingly tight supply position. Resorcinol held its stringency under an exceedingly heavy demand for specific war requirements. Any relaxation in this demand would tend to ease the situation, but at present producers are making sure that this government's wants are satisfied.

In an analysis of some of the coke byproducts, the Bureau of Mines showed that March production of creosote oil was up 13.4 percent over February. Tar was up 12.1 percent and naphthalene 15.2 percent.

Steel operations for the week beginning April 30 were scheduled at 95.8 percent of ingot capacity, compared with 93.2 percent for the previous week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 96.9 percent. The present schedule is equivalent to the production of 1,754,700 net tons of ingots and castings, compared with 1,707,100 tons for the preceding week and 1,782,300 tons for the corresponding week in 1944.

Basic Products

Benzol — Supply position remained tight with no visible easement in the demand for military use. Judging from developments in the European war zone, there seemed to be possibilities of easement in the call from government agencies for explosive requirements, although this might be offset by a diversion of more to aviation gasoline and synthetic rubber.

Coaltar—Under the absence of new permitted uses, this material has followed channels mostly entering into specific requirements essential to the war effort, with some finding an outlet to areas where fuel is scarce. Bureau of Mines placed March production at 64,647,884 gallons, compared with 57,659,731 gallons in February. Stocks at the end of March were 34,967,984 gallons against 32,739,939 gallons at the end of February.

Cresote Oil—Production has moved steadily to meet government and civilian requirements. Demand for woodprocessing reported sufficient to keep inventories low. Absence of importations leaves the supply situation entirely to domestic producers. Bureau of Mines reported March production at 3,463,613 gallons against 3,055,632 gallons in February. Stocks at the close of March were 851,640 gallons, compared with 894,588 gallons at the end of February.

Cresylic Acid—Reported tight under an active miscellaneous demand. Manufacturers of tricresylphosphate have taken a lot of this material under WPB regulation, while plastics and medicinals have been well represented in the current movement. Arrivals of sizable quantities from foreign sources have continued to help out the supply situation.

Naphthalene—No relaxation in consuming demand, which continued considerably in excess of current production. Manufacturers of phthalic anhydride, dyes and intermediates seemed to be getting only about half of their requests covered. March production was placed at 7,934,492 pounds by the Bureau of Mines, compared with 6,886,125 pounds in February. Stocks at the close of March were 2,172,850 pounds against 2,682,260 pounds at the end of February.

Phenol—Output reported well sustained near capacity, while demand has expanded beyond the production limit. Essential requirements have been satisfied all the way from 45 to 100 percent, depending upon inventories and importance to the war program.

Toluol — Tight supply conditions which have featured this market showed no signs of easement. Demand for military and other important uses has caused a rapid absorption of output, leaving inventories definitely low.

Xylol—Heavy demand held the market in a tight position. April allocations to consuming industries appeared to be on a little broader scale, but current output continued considerably below the present extent of demand.

Chicago, May 5.—Fairly good market volume continues in the coaltar bases, but with material restricted it was obvious that the potential business was larger than the actual volume. Inquiries were in the market for most products. Benzol was in good call. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c. per gallon; 10-degree xylol, same basis, 30c. per gallon; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, 15½c.

Hydrogenated Solvents

Movement of these solvents did not vary from former lines last week. Shipments were reported for specific government requirements and output was pushed to meet these wants. The market was described as a tight and firm proposition.

Coaltar Acids

Broenner's — Limited production is finding outlet for essential requirements. Inventories at low level with prices firm.

Fumaric—Between manpower shortage and scarcity of basic materials, production is unable to meet demand. WPB will regulate shipments next month and restore better balance to the market.

Gamma—Movement confined mostly to consuming industries affiliated with war production. No excess stocks reported.

Maelic — Production continued insufficient to meet current demand. Manufacturers of synthetic resins have accounted for most of output.

Picramic — Not enough material to exceed the bounds of regular consumers at present. Short manpower and stringency in basic products held output down.

Picric—War industries reported to be taking most of production. Demand sufficient to hold market position tight and keep price tendency firm.

Other Intermediates

Anilin—No improvement could be noted in the supply situation. Demand

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Coke By-Products

Estimates of by-product coke-oven operations in the week ended April 28 indicate the following output of by-products from that source:—

Ammonia liquor NH_3	lbs.	1,128,708
Ammonia sulphate	lbs.	29,227,604
Benzol	gals.	3,683,153
Coaltar	gals.	13,663,311
Creosote oil	gals.	760,393
Naphthalene	lbs.	1,805,933
Phenol	lbs.	213,861
Toluol	gals.	736,631
Xylol	gals.	166,336

For Current prices see alphabetical listing beginning on page 9.

has expanded and over-run current production, while reserve stocks of producers and consumers have been drained in an effort to meet requirements. It has been impossible to increase production under the present manpower shortage, and the market's position is reported distinctly tight.

Anthraquinone—Production restricted through the continued stringency in benzol. Demand for alizarin dyes and intermediates has been sufficient to keep supplies limited with prices firm.

Benzaldehyde, Technical—Not much material available for civilian wants. WPB granted April requests on the basis of 40 percent, compared with 60 percent for the preceding month.

Benzidin Base—Output held down by difficulty in securing basic material and manpower shortage. Supplies short with market position tight.

Catechol—Production has kept the supply position favorable, and a normal consuming demand has been entirely satisfied without difficulty.

Resorcinol—Demand for specific war requirements has continued exceedingly heavy and the market has not relaxed from its former tight position. Producers are making sure the war program needs are covered, and this has necessarily limited supplies for other wants. Any relaxation in government demand will naturally tend to ease the market situation.

Coaltar Colors

Demand continued mostly for government use. Vat dyes have been taken freely, with considerable inquiry for direct and chromes. Reported that military needs for textiles remained heavy. Most of the output of cotton, worsted and woolen mills is said to be channeled for war production and the larger part of the carpet mill output is also devoted to military requirements at the present time. The low extent of inventories has necessarily kept the general market position tight.

C.E. Schott Forms Company

Charles E. Schott has formed the C. E. Schott Company, 220 Broadway, New York, to act as a manufacturer's agent in chemicals. Mr. Schott started his business career with the C. J. Osborne Company and more recently has been affiliated with the Woburn Degreasing Company.

Paint Test Valuing

—Continued from page 4

pearance value. The ten variables are given relative values based on the seriousness of their respective diminutions of the protective or decorative value of a coating. Thus, cracking is regarded as twice as serious as checking; peeling and scaling are twice as bad as cracking; erosion has two-thirds of the damaging effect of scaling; and so on. The individual ratings of the ten observable variables are correlated in accordance with the relative valuations by means of a sort of three-point charting. The resulting figure is the factor of the tested paint's value.

R. D. Bonney, chairman of the program committee, reported that the club would have an outing June 9, at the Engineers' Country Club, Roslyn, L. I. Members will be limited to one guest each. The fee will be $5 for members and $8 for guests. The committee got an appropriation of $300 for preliminary expenses.

The treasurer reported a working-fund balance of $2,735.45, and a savings fund of $2,640.13. Applications were approved for four new members; two others were proposed; and two are in abeyance until the next meeting in September.

Twelve sub-groups of the technical committee are active, said Carl Engelhardt, chairman. The committee will meet **May 17.**

Unanimously approving the selections of the nominating committee, presented by its chairman, Guido Henry, the meeting elected the following club officers for the ensuing year:—

President, Robert D. Bonney, of the Brooklyn Varnish Manufacturing Congoleum-Nairn, Inc.

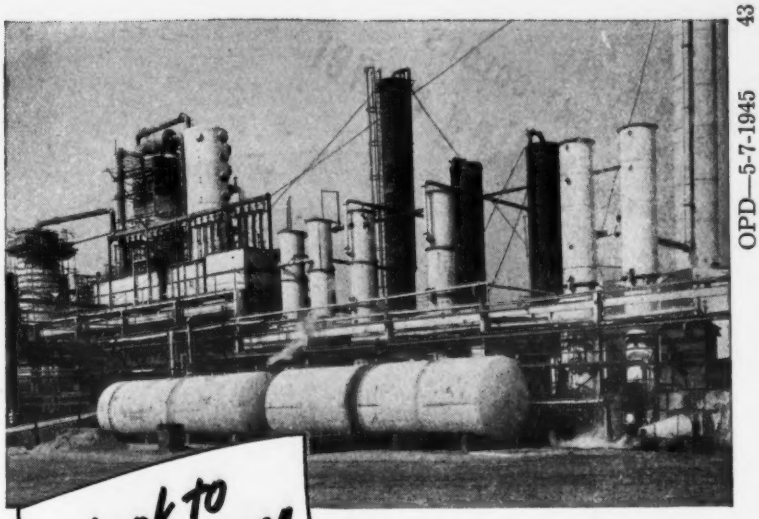
Vice-president, Carl Engelhardt, of Company.

Secretary, William J. Greco, of the Socony Paint Products Company.

Treasurer, Charles Molizia, of the North Jersey Paint Company.

Additional new-term members of executive committee, F. M. Damitz, of National Varnished Products Corporation, and F. Grant Schleicher, of the W. D. Wilson Printing Ink Company.

Club representative on the national plant managers' committee, Carl Engelhardt, of the Brooklyn Varnish Manufacturing Company.



Look to BETHLEHEM for COAL CHEMICALS

Benzol
(nitration, industrial, and motor grades)

Toluol
(nitration and industrial grades)

Xylol
(industrial grade)

Crude Heavy Solvent Naphtha

Crude Naphthalene

Crude Pyridine

Other Bethlehem Products for the Chemical Industry
Forged pressure vessels . . . Chemical plant equipment . . . Sheets . . . Alloy studs . . . Pipe . . . BethColite (hot-dipped tinplate) . . . Electrolytic tinplate . . . Special-coated manufacturing terne plate . . . Black plate . . . Tool steel and small tools.

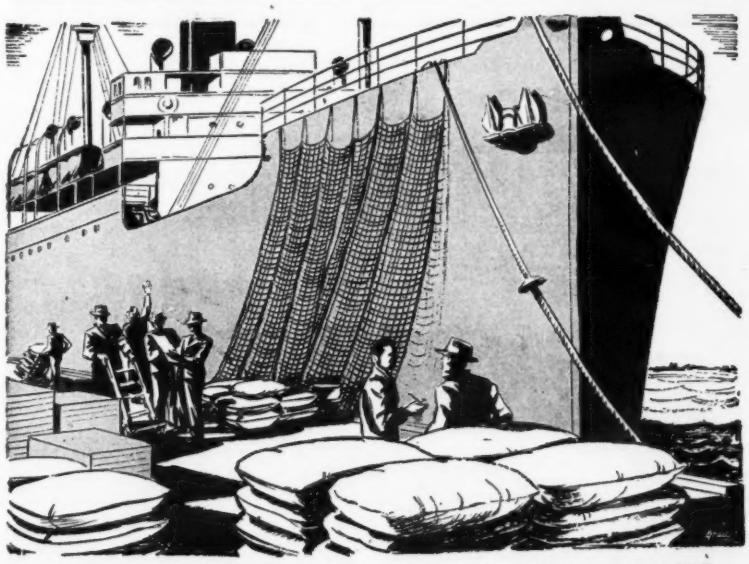
BETHLEHEM STEEL

OFFERINGS FOR PROMPT SHIPMENT

ZINC CARBONATE	ALUMINUM ACETATE
GLUCOSE	VINYL RESINS
ANETHOL	POLYSTYRENE
TUNGSTIC ACID	MONOMERIC STYRENE
CRESYLIC ACID	CHLOROFORM
COPPER CARBONATE	RECOVERED ACETONE
TARTARIC ACID	RECOVERED M.E.K.
PINE OIL FRACTIONS	THALLIUM SULPHATE
PLASTICIZERS	HEXYL RESORCINOL
RECOVERED BENZOL	HYPOPHOSPHITES
METHYL ACETONE	CABLESTRIPPINGS

CAMPHOR OIL TECH.
RECOVERED TRICRESYLPHOSPHATE
HYDROGEN PEROXIDE SUBSTITUTE
MERCURIC OXIDE

BIRCH-KLINE CO., Inc.
CHEMICALS
Drugs—Pharmaceuticals—Essential Oils
165 BROADWAY, NEW YORK 6, N. Y.
Telephone: BArclay 7-2969



MOVE MATERIALS FOR WAR AND PEACE
IN *Fulton* WATERPROOF COTTON AND BURLAP PAPER LINED BAGS

Fulton Bags carry through. It takes a tough moisture resistant bag to get there in good shape, protecting its contents under all loading and shipping conditions. The waterproof paper lined cotton and burlap must be of even strength—the bag seaming must be dependable and stand up under the pressure of weight and handling. Our plants have supplied millions of bags for use in combat areas. Back here at home bags must move a long list of essentials ranging from hygroscopic chemicals to food items. Many Fulton Waterproof Paper Lined Bags are replacing containers made of critical materials—metal drums, wooden boxes and barrels. We will continue to serve for war and the home front to the limit of our ability.

FULTON BAG & COTTON MILLS
Manufacturers Since 1870
Atlanta St. Louis Dallas
Minneapolis New York New Orleans Kansas City, Kan.

A PRODUCT OF
NEVILLE
QUALITY
PHENOTHIAZINE

For use as an anthelmintic for cattle, sheep, swine, horses, etc., and as an insecticide.

Meets national formulary specifications

Write for samples and prices!

A-14

THE NEVILLE COMPANY
PITTSBURGH · PA.
Chemicals for the Nation's War Program

BENZOL • TOLUOL • XYLOL • TOLLAC • NEVSOL • CRUDE COAL-TAR SOLVENTS
HI-FLASH SOLVENTS • COUMARONE-INDENE RESINS • GUANADINE NITRATE • TAR PAINTS
RUBBER COMPOUNDING MATERIALS • WIRE ENAMEL THINNERS • DIBUTYL PHTHALATE
RECLAIMING, PLASTICIZING, NEUTRAL, CREOSOTE, AND SHINGLE STAIN OILS

Protective Coatings Materials

Despite a reiterated declaration by the War Production Board of its intention to pursue a policy of eliminating restrictive controls on private industry, as war conditions permit, the protective coatings industry has become convinced this past week that this policy, if adhered to hereafter by WPB on a sizable scale, will be carried on as it has to date, only in the revocation of its less important limitation orders and will not afford any material relief to the paint, varnish and lacquer industry from the curbs imposed on their employment of the principal ingredients of their products until the conclusion of the war in the Pacific.

WPB has, indeed, announced the rescinding of forty-five of the less important limitation and conservation regulations and schedules, including a revocation of limitation order L-108, which for the last five months had restricted finishes on metal working equipment to one coat of primer and not more than two coats of paint, enamel or lacquer, while also prohibiting the use of fillers. This bureau has also revoked conservation order M-55, which for eight months had restricted the formulations of printing inks, together with general preference order M-154, which for the past year had limited the use of nitrocellulose chiefly to the manufacture of specified products for military use. And WPB has announced a tightening, instead of an easing, of its restraints of non-military uses of phosphate and phthalate plasticizers for insulation of wire and wire cable by requiring that producers requesting allocations thereof shall specify the type of wire for which these materials are wanted.

Metallic Lead and Zinc

Although a steady increase in the domestic production of metallic lead has been recorded of late and steps have been taken by WPB to assure an adequate supply of this metal in storage batteries and a few other favored industries, no move has yet been made toward easing the heavy restrictions on the amounts available for the manufacture of lead chemicals and lead pigments, inasmuch as war requirements have continued at such a high level as to preclude such action. Prices of pig lead have continued unchanged for the week April 27-May 4 at 6.35c. per pound in St. Louis and 6.50c. in New York.

A plentiful supply of zinc ores is still available but the current output of zinc slabs continues woefully below the combined requirements of military and civilian enduse consumers, despite efforts now under way for amplifying production, with the result that restrictions on the use of this metal in the making of leadfree zinc oxide and leaded zinc oxide not produced directly from the ore continue in force without any modification. And WPB has ruled that quota restrictions on zinc for manufacturing home canning closures have been limited for the second and third quarters to not more than 30 percent of the weight of the zinc used by a manufacturer for similar purposes during the base period of October 1, 1940, through September 30, 1941. Quotations for zinc slabs have remained unaltered for the week April 27-May 4 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

White Lead—Unabatedly heavy takings by the military establishment are continuing to keep the supply situation extremely tight and, although producers are still accepting orders from exterior paint makers, they do not feel at all certain that they can fill same when these orders are for civilian enduses.

Titanium Dioxide—With the war requirements in TiO_2 running higher this year than last year, when the military needs were five times as great as those in 1943, the supply situation in this chemical and in titanium pigments is becoming tighter daily. .

Fillers and Extenders

Gypsum—Moving in steadily mounting volume into the hands of makers of fireproof sidings, laths and sheathings for new building operations. An arrival of 20 casks of this material is noted.

Clay — Buying interest continues keen in kaolin of both domestic production and foreign origin. An arrival of 600 bags of bauxite residue is reported.

Dry and Chemical Colors

Carbon Black—On the eve of a notable swelling of the output of channel type carbon blacks through the functioning of a considerable amount of new plant capacities, financed by the government to accelerate and amplify production, the U. S. Senate committee investigating war production has undertaken an investigation of the causes of the existing shortage of the so-called rubber grades of this black, spotlighting charges preferred against the rubber bureau by the chemicals bureau of WPB that the former had failed to act efficiently to provide for additional carbon black requirements of the tire program after it had been informed by the rubber bureau as to what these requirements would be. Meanwhile, OPA has announced that, in order to simplify pricing and record-keeping by the Defense Supplies Corporation, maximum prices for sales of channel type carbon black by manufacturers in Texas, Louisiana, Oklahoma, New Mexico and Kansas are being placed on an f.o.b. plant basis at 3.3c. per pound.

Chrome Colors—A further cramping of manufacturing operations in these colors is resulting from the curtailment during the current month of the allocations of bichromate of soda to the makers of Class A chrome pigments controlled by order M-370, which will bring about a similar reduction in the overall available supply of these pigments for the consuming industries, as explained in the April 30 issue of OPD.

Driers and Flatteners

Tallates—The new WPB order, providing a further tightening next month of the restriction on the use of naphthenates, even for military paint production, with the exception of zinc chromate primers, as well as for virtually all civilian enduses, has driven many more paint and varnish makers into intensified recourse to tallates and, to a lesser extent, to linoresinates.

Stearates — With no abatement in prospect of the tension in the stearic acid supply situation, the market for all the metallic base stearates is growing stronger daily under a keen demand. Many manufacturers are now finding themselves unable to book any new orders except from old customers.

Lacquer Materials

Butyl Alcohol — Military programs requiring increased quantities of butyl derivatives have created a shortage of butyl alcohol as well as of butyl acetate, with the result that these butyl derivatives are expected to continue in short supply in the third quarter of this year as well as in current second quarter. Already it has been announced that there will be no secondary butyl alcohol available this month for coatings for any purpose, and only very limited quantities of normal butyl alcohol for emergency military requirements. In normal fermentation

Market Trends

Prices Advanced

Casein, imported, ½c. per lb.

Prices Reduced

Alphapinene, 1c. per gal.
Butyl acetate, norm. ferment, Ill., Ind. prod., ½c. per lb.
Butyl alcohol, norm. ferment, Ill., Ind. prod., 0.35c. per lb.
Gum turpentine, 1c. per gal.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

For Current prices see alphabetical listing beginning on page 9.

STEARATES

ZINC STEARATE
BARIUM STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE

Stocks at
- NEW YORK
- CHICAGO
- ST. LOUIS
- PHILADELPHIA
- DALLAS
- BOSTON
- SHAWNEE, OKLA.
- LOS ANGELES
- SAN FRANCISCO
- OAKLAND
- SEATTLE
- PORTLAND, ORE.

FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9. BUSH TERMINAL — BROOKLYN. N.Y.

KRUMBHAAR CHEMICALS, INC.
Dr. William Krumbhaar, President — SOUTH KEARNY, N. J.
Makers of Finest Synthetic Resins

DRUMS RECONDITIONED

CLEANED — DENTS REMOVED
TESTED — BAKED ENAMEL
REI INED (High Temp.)

NEWARK STEEL DRUM CO.
C. J. COLVILLE, President — LINDEN, N.J. Phone 2-4466

FERRO DRIER & CHEMICAL CO.

Stable TALLATE Driers

Stable in concentrated form and when diluted with spirits FERRO Tallates provide excellent drying activity with minimum discoloration of paints and varnishes.
Ferro Tallates include 4% COBALT . . . 4% MANGANESE . . . 16% LEAD . . . 3% CALCIUM.

Sole Sales Agents
W. B. LAWSON, INC.
Union Commerce Building, Cleveland, Ohio

TURNER CHEMICALS

BROMIDES
SODIUM — POTASSIUM
AMMONIUM

JOSEPH TURNER & CO.
RIDGEFIELD, NEW JERSEY
83 EXCHANGE PLACE, PROVIDENCE, R. I.
435 N. MICHIGAN AVE. CHICAGO 11, ILL.

SPECIFY
PARADURA
for *performance* in phenolics

PARADURA is Paramet Corporation's trade-mark and name for two groups of its phenolic resins:
1. 100% Pure Phenolic Resins. These represent the highest attainments in their field. Each has exceptional merit, and is in widespread demand for surface coatings which must meet the most rigid specifications.
2. Special High Phenolic Condensation Resins. Developed to meet a demand for several unique features unobtainable in lower-priced modified phenolics.

The Paramet Line includes:
PARANOL (Modified Phenolic and Maleic Resins)
ESTEROL (Pure and Modified Alkyd Resins)
PARADURA (Pure Phenolics)
PLASKON (Urea-Formaldehyde Resins)
PARAPEN (Pentaerythritol Resins)
ESTER GUMS

PARAMET CORPORATION
Subsidiary of Libbey • Owens • Ford Glass Company
10-09 44th Avenue
Long Island City 1, New York

"Let's call Paramet first"
PARAMET SYNTHETIC RESINS

HIGH STANDARDS

In the production of Mapico pigments there is no compromise with quality. For more than thirty years our every effort has been directed toward maintenance of the highest possible standards for these fine precipitated oxides of iron. In the future their leadership will be maintained through continued effort in this direction.

Our laboratory staff always is available if you wish technical cooperation.

MAPICO Colors
COLUMBIAN COLLOIDS
PURE OXIDES OF IRON

COLUMBIAN CARBON COMPANY
MAGNETIC PIGMENT DIVISION
MANUFACTURER
BINNEY & SMITH CO., Distributor
41 EAST 42nd STREET, NEW YORK 17, N. Y.

Look to MAPICO for Leadership

YELLOWS — REDS — BROWNS — BLACK

butyl alcohol, the newly revised prices, adjusted downward by a half cent, to 17.3c. per pound in tankcars and 18.3c. and 18.8c. in drums, for carlots and less than carlots, respectively, became effective for Illinois and Indiana production on May 1.

Butyl Acetate—The increasing tightness in the supply of butyl alcohol is becoming equally apparent in butyl acetate and is generally counted upon to remain throughout the third quarter of this year as well as in the current second quarter. Revised prices for normal butyl acetate, adjusted downward by 0.35c. per pound, to 16.9c. in tankcars, 17.9c. and 18.4c. in drums for carlots and less than carlots, respectively, for Illinois and Indiana production, have been in force since May 1.

Naval Stores

Rosin—In the face of a keen and constantly expanding demand for gum rosin, there were few transactions of importance in this oleoresin during the greater part of last week, because of the unwillingness of holders to part with their meagre old crop material or even with the relatively small amounts of new crop gum, most of it still unprocessed, at the prevailing official ceiling prices, which have long since been deemed too low in view of the greatly increased production costs. No official offers were made on the Savannah Naval Stores Exchange and only a small movement was recorded from interior points in the South into consuming channels.

Savannah, May 4.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.05	$5.05	$5.05	$5.05	$5.05
D	5.12	5.12	5.12	5.12	5.12
E	5.65	5.65	5.65	5.65	5.65
F	5.75	5.75	5.75	5.75	5.75
G	5.79	5.79	5.79	5.79	5.79
H	5.81	5.81	5.81	5.81	5.81
I	5.81	5.81	5.81	5.81	5.81
K	5.85	5.85	5.85	5.85	5.85
M	5.87	5.87	5.87	5.87	5.87
N	6.03	6.03	6.03	6.03	6.03
WG	6.28	6.28	6.28	6.28	6.28
WW	6.55	6.55	6.55	6.55	6.55
X	6.55	6.55	6.55	6.55	6.55
	Drums				
Sales	...	...	...	...	...
Receipts	19	39	107	45	125
Shipments	...	...	...	873	...
Stocks	2,853	2,622	2,729	1,901	2,026

Turpentine—Although government holdings of gum turpentine have been reduced to not much more than 72,000 units of 50 gallons each, and no additional withdrawals of size have recently been made from the CCC stocks, there has been a moderate amount of activity in this commodity in the primary markets in the South within the past week, as the new crop offerings have become available in increasing quantities, albeit the movement of new spirits has been restricted in some measure by the action of some producers in holding back the unprocessed fresh gum. However, there has been some recession in the open market price in the Savannah exchange and elsewhere from the 81c. level reached at the close of the previous week, as the CCC parity price was continued for May at 80c. per gallon and sellers quickly readjusted their price to that same level, but thereafter advanced it a half cent to 80½c.

Savannah, May 4.—Following is a record of the market for the week:—

	Bulk gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
Monday	80½	300	4	...	13,389
Tuesday	80½	...	31	...	13,420
Wednesday	80	4,200	39	91	13,368
Thursday	80	...	29	90	13,307
Friday	80½	3,350	42	296	13,053

Synthetic Resins

Phenolic Resins—By an amendment to schedule 87 to WPB's general chemical order M-300, the definition of "coating resin A" has been extended so as to add all phenolic resins made with paratertiaryamyl phenol and to include those made with paratertiarybutyl phenol as well as those made with paraphenyl phenol to the list on which drastic restrictions on uses are now imposed. Hitherto, this definition of "coating resin A" was limited to resins in which paratertiarybutyl phenol ran 10 percent or more of the phenolic reactant.

Alkyd Resins—WPB officials are pointing out to the makers of protective coatings for automobiles, refrigerators, washing machines and similar consumers' durable goods, requiring finishes in which alkyd resins play an important part as ingredients, that there is little, if any, chance for a material easing of the tight supply situation in these resins even after the ending of the war in Europe, as navy requirements for these resins for use in the Pacific war theatre will thereafter be much heavier.

A list of synthetic resins, with their quotations, appears in this issue of OPD, beginning on page 31.

Varnish Gums

Copal—Arrival of an additional cargo of Congo copal, aggregating 5,897 bagfuls, and weighing approximately 648,670 pounds, or 325 short tons, has been the only new development in the American market for this natural resin. But this cargo, welcome though it be, will serve to only a slight extent in a much-needed replenishment of the depleted stocks here, inasmuch as the bulk, if not all, the consignments had already been spoken for, and in most instances sold, before reaching here. Deliveries, however, are subject to the authorizations of WPB, which judges the merits of all applications by the enduses for which they are designed

Shellac—Additional offers of the new Bysaikhi or principal Spring crop of lac continue to be made from India but to date only a relatively small quantity has been contracted for, so that the prospect for relief from an increasing shortage of seedlac and T.N. for at least another month is not improved to any noticeable extent, as no additional arrivals of the 1944 Kusmi crop in any notable volume are now expected and there remains little likelihood of any further sizable re-

VANADISET
TRADE MARK REGISTERED
Plastic Resin
MOLDING COMPOUNDS
VARNISHES
LACQUERS
A Product of
WILSON CARBON COMPANY
60 EAST 42nd ST., NEW YORK CITY

SLCo

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD
ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

SOCONY-VACUUM

MANUFACTURERS OF

SOVASOLS

THE SPECIALIZED
NAPHTHA SOLVENTS

SOCONY-VACUUM OIL CO., Inc.

26 BROADWAY, NEW YORK 4, N. Y.

BRIGHTON

Portable

SYNTHETIC RESIN KETTLES

famous for QUALITY *and* DURABILITY

Brighton equipment does much of the processing in the Oil, Paint, and Varnish Industries — in fact — Brighton is the largest producer of Varnish makers equipment in the U. S. Each piece of equipment maintains the high standards of quality of material and workmanship made famous by Brighton. We illustrate large portable kettles for synthetics. UPPER RIGHT has a 750 gal. capacity — roller bearing trucks for operation on rails. Heads fitted with CO_2 injector to both top and bottom of kettle. Quickly removable swiveled vapor line to reflex condenser for recovery of valuable substances. Explosion proof motor driven agitator with foam breaker. Large quick acting outlet. Illustrated LOWER LEFT — specifications are same except for the tubular condenser and flat truck wheels.

Write now for your free copy of BRIGHTON Catalog and Data Book No. 10.

ESTABLISHED 1914

BRIGHTON COPPER WORKS

BRIGHTON STATION • CINCINNATI 14, OHIO

OPD—5-7-1945

TRICRESYL PHOSPHATE

Subject to allocation by the War Production Board in accordance with General Allocation Order M-300 Schedule 61

•

Selling Agents

R. W. GREEFF & CO.

10 Rockefeller Plaza, New York 20, N. Y.

Tribune Tower Chicago 11, Ill.

MONTROSE CHEMICAL CO.

LISTER AVENUE NEWARK, N. J.

Stearates

ZINC STEARATE

ALUMINUM STEARATE

CALCIUM STEARATE

BARIUM STEARATE

LITHIUM STEARATE

MAGNESIUM STEARATE

For PHARMACEUTICALS, COSMETICS, RUBBER, PAINTS, VARNISHES, LACQUERS, PLASTICS.

For PAINTS, VARNISHES, LACQUERS, LUBRICATING GREASES, INKS.

For PAINTS, VARNISHES, LACQUERS, WATER-PROOFING, SURFACE COATINGS.

Where Uniformity Is An Achievement

Uniformity ever Achievement

PLYMOUTH BRAND METALLIC SOAPS

Technical Service Available • Send for Samples and Data

M. W. PARSONS

Imports and PLYMOUTH ORGANIC LABORATORIES, INC., NEW YORK

GENERAL OFFICES: 59 BEEKMAN STREET, NEW YORK, N. Y. FACTORY: BUSH TERMINAL BUILDINGS, BROOKLYN, N. Y.

DISTRIBUTION POINTS AND AGENTS IN ALL PRINCIPAL CENTERS

DISTRIBUTORS-THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO. AND BRANCHES

MEFFORD CHEMICAL CO., LOS ANGELES, CAL.

O. L. WEST, PHILADELPHIA, PA.

STANDARD
"THE ORIGINAL SYNTHETIC SOLVENT MANUFACTURERS"
You Can Use
ISOPROPYL ALCOHOL
SUPPLIES AVAILABLE
Recommended for lacquers, resins, laminating varnishes, body rubs, vitamin B1 preparation, sterilizing solutions, liniments and many additional applications.
Isopropyl Alcohol is on allocation and necessary forms will be gladly furnished.
STANDARD ALCOHOL CO. 26 BROADWAY NEW YORK

leases of these grades from stocks of the Defense Supplies Corporation.

Glues and Binders

Casein—An additional arrival of acid-precipitated casein from Argentina has been noted without any noticeable easing of the price structure for this imported material through an implied further replenishment of American supplies. On the contrary, the market for Argentine casein has stiffened somewhat within the past week, with most importers holding out for 18c. to 19½c. per pound, instead of offering their holdings at around 17½c. to 18c., as hitherto. Domestic production continues to lag but prices are still being well maintained at a minimum of 22c. for acid-precipitated.

The cargo from Argetina referred to above, consisted of approximately 26,000 bags, weighing 2,843,989 pounds, or about 1,422 tons.

Zinc Institute Elects Officers

H. I. Young, of the American Zinc, Lead & Smelting Company, has been re-elected president of the American Zinc Institute. O. W. Bilharz, president of the Tri-State Zinc and Lead Ore Producers Association, was elected a vice-president to succeed J. A. Robinson. Other officers re-elected were:—Vice-presidents, C. M. Chapin, jr.; R. B. Caples; treasurer. R. F. Orr; secretary, E. V. Gent.

Columbia Carbon Expanding

The Columbia Carbon Company, Reid L. Carr, president, told its stockholders, April 24, has underway a construction program which will increase its production to an annual rate of 333,000,000 pounds by midsummer. Further expansion plans are directed to a production of 1,000,000 pounds a day in 1946.

VIKING
Petroleum Solvents
HEXANE • PENTANE • HEPTANE
PETROLEUM ETHER
LIGROIN • BENZINE
LOW COST—HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K. V. BLDG., CHARLESTON, W. VA.

GUM ROSIN
MN WW WG
Available
Prompt Shipment
—INQUIRE—
SUSSEX TRADING CORP.
1 Newark Avenue Jersey City, N. J.
Telephone: BErgen 4-3730

HARDESTY
CHEMICAL CO., INC.
HARCHEM
SEBACIC ACID • CAPRYL ALCOHOL
DIBUTYL SEBACATE • ALKYL ROLEATES
PLASTICIZERS
HARCHEM
Manufacturers of quality chemicals for all industries
41 EAST FORTY-SECOND STREET, NEW YORK 17, N. Y.

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York 20, N. Y.
Office: 3001 West 47th Street, Chicago, Ill. Factory: Savannah, Ga.

When You Buy
EXTRA QUALITY
CASEIN
INSIST on this BRAND
GROUND and UNGROUND
LACTIC and RENNET
SPOTS and FUTURES
GOOD NEIGHBOR
TRADE MARK
PACKING PRODUCTS COMPANY
Order from your supplier. If he does not stock GOOD NEIGHBOR Brand Casein write to us for information regarding your nearest source of supply.
PACKING PRODUCTS COMPANY
271 Church Street New York 13, N. Y.

FERRO-LUCIPHOR PIGMENTS
STRONTIUM SULFIDE
(NON-LUMINOUS)
Highest Quality • Prompt Delivery
FERRO-LUCIPHOR DIVISION
Ferro Enamel Corp.
Cleveland 5, Ohio

COLTON TABLET MACHINE
Model 2-B
Latest model, especially designed for small tablets (⅛ to ½ inch in diameter) and compressed triturates. Highly productive capacity. Rugged construction. Positively, easy compression control.
Send for catalog
ARTHUR COLTON CO.
2624 E. Jefferson Ave., Detroit

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Zinc Chromate
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Zinc and Aluminum Stearate
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

Agricultural Chemicals

Demand for fertilizer materials seemed to have reached its peak in this section after cleaning out many products. From present trade reports, the close of the year on June 30, offers possibilities of exceedingly low inventories in all the organic nitrogenates. It also looks as though the superphosphate bins will be scraped dry. Recent allocations of ammonia sulphate from mill surpluses have been absorbed. Demand for this material has been accentuated for mixing purposes by the absence of any available stocks of ammonia solutions. Potash contract prices for 1945-1946 have not been announced to date. The announcements started last year on May 1.

Demand for ammonia to satisfy the war program has made it impossible to allocate any supplies of solutions to the fertilizer industry during the month and the same conditions may continue through June unless there is a cutback in military requirements. The effect of this shortage may be neutralized to some degree by the release of shipping space for an additional 200,000 tons of foreign soda nitrate and it is expected that 1,000,000 tons will arrive before the end of the fertilizer year. The "kicker" in this situation is that soda nitrate is restricted to direct application use and is not permitted for mixing.

OPA has announced a ceiling price of 10c. each for all sales by either retailers or wholesalers of new empty military sand bags, manufactured in the United States, that the government is selling for civilian use. It is expected that the bags will find a market for bagging fertilizer and similar commodities.

Nitrogenates

Ammonia Sulphate — Bureau of Mines placed March production at 12.7 percent above February. The totals showed 140,824,522 pounds for March, compared with 125,007,295 pounds for February. Stocks at the end of March were 68,903,693 pounds against 93,958,680 pounds at the close of February, a decline of 26.7 percent. The market gave no sign of easement in this area last week.

Bone Meal—Production has been reduced through a cutback in slaughterhouse operations. The market was reported bare of supplies most of the week while inquiry continued active. War Food Administration purchased 13,400 pounds for $333 during the month of March for lend-lease.

Dried Blood—Reported in short supply and insufficient to meet present demand. Like other packing house byproducts, stocks have appreciably decreased through smaller production.

Fish Meal—Coming into the active season with plenty of demand from feeders. Fishing operations have started but too early to get results at this time.

Hoof Meal—Some sales reported at former price levels for fertilizer use. Short supplies have kept the market tendency firm.

Soda Nitrate—Shipments to meet the heavy allocations released this month are under way. Plenty of ships have been furnished to cover imported nitrate and while some cargoes may be delayed, the goal is in sight. Demand continued active with no cancellations for requirements reported to date. It is expected that 1,000,000 tons will be imported by the end of the fertilizer year. This is about 200,000 tons more than had originally been granted shipping space.

Tankage—More buying interest from feeders than can be satisfied from present production. Low output has found an active outlet, leaving the market supply definitely tight.

Phosphates

Phosphate Rock—Continued heavy demand from acidulators has been reflected in a steady movement of phosphate rock from mines. Producers have been able to meet demand, although transportation facilities in some instances have occasioned temporary delays in shipments.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

Fertilizer Materials

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Superphosphate — Sellers continued to report a scarcity of material in this section. Demand has brought supplies to a definitely low level and production cannot be stepped up on account of the manpower shortage. The same tight situation was reported in Baltimore where demand is reported far in excess of current output.

Potashes

It is apparent that the release of contract prices for 1945-1946 are going to be later this year than last. The latest word is that quotations will appear around the middle of the month. Shipments are going forward in good shape against allocated orders with production meeting demand without difficulty.

Markets at Other Centers

Atlanta, May 4.—Fertilizer Manufacing season near close. Demand mostly for late planting which manufacturers are trying to satisfy. Overall trading light.

Baltimore, May 4.—Early reports from Florida fishing companies favorable. Carolina and Virginia companies about ready to start. Short labor keeping superphosphate output down.

Chicago, May 4.—Buying operations in nitrogenous fertilizer materials restricted by short supplies. Tankage firm, bone materials difficult to find. Fair interest in dried blood.

Los Angeles, May 4.—No price changes. Agricultural chemicals continue in active demand with supplies insufficient to meet all offers. Fish meal trading quiet.

Insecticides

Copper Sulphate—Weather conditions inspired earlier agricultural buying than usual this year, although in the aggregate, the movement was below dimensions generally expected by the trade. At present, demand is equal to that of a year ago. Supplies are at a new low level for this time of the season, and are just about sufficient to meet agricultural wants. This means that the critical month of June will be covered. While lend-lease is one of the primary influences responsible for the low level of supplies, government agencies controlling copper sulphate have taken steps to insure supplies to the farmer by minimizing exports in other directions. Industrial demand has followed normal lines, with no new uses permitted. The monohydrated grade will probably be adequate to meet the season's dusting requirements. A new Canadian copper sulphate-producing plant will go into operation early next month, and will take care of consuming needs of the Dominion.

Pyrethrum crop of Rio do Sul, Brazil, is estimated at 1,250 to 1,300 metric tons for the current season, ending June, 1945, a decrease of 15 percent compared witht 1943-44, according to the Department of Commerce. A pyrethrum packing house is to be established by the State Department of Agriculture at Taquara, the center of pyrethrum in the state. It is proposed to handle 50 percent of the area's production in this establishment. Statistics are not available on the increased acreage of pyrethrum in the state, but it is known to have increased considerably during the past three or four years.

Sulphur and Pyrites

Although the overall sulphur situation does not appear as active as during the last quarter of 1944, there is a substantial movement in progress for agricultural and industrial uses. The supply situation has remained adequate to satisfy demand promptly. Spanish pyrites has remained quiet and without change.

For Current prices see alphabetical listing beginning on page 9.

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
MURIATE OF POTASH 62/63% K2O ALSO 50% K2O
MANURE SALTS 22% K2O MINIMUM
UNITED STATES POTASH COMPANY Incorporated
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.
REG. U. S. PAT. OFF.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U. S. A.
Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

SELECTED SPENT FULLERS EARTH
The Unexcelled Fertilizer Conditioner used by Leaders in the Industry
THE DICKERSON COMPANY
DREXEL BUILDING • • PHILADELPHIA 6, PA.

P.C.A. RED MURIATE

The SALT of the Earth

There can be no finer product than PCA's Red Muriate of Potash. Literally as well as figuratively it is "The Salt of the Earth".

PCA leads in total production of 60% Muriate. Its Red Indian trade-mark is becoming more and more important in the fertilizer industry... more and more important to the farmers who rely upon your mixtures to help them make their crops.

POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
• SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

STEARIC ACID

Single Pressed and Double Pressed

Available in either cake or flake form

Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)

RUBY OLEINE
BRAND (*distilled*)
STAR BRAND
(*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
Commerce Building,
155 East 44th St., New York City
Branches and stock in all large cities

STEARIC ACID
OLEIC ACID
(Red Oil)
DISTILLED
FATTY ACIDS
Animal
and
Vegetable
RUFATS
(Hydrogenated Fatty Acids)

WILSON & CO. INC.
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

Wm. Diehl & Co.
CANDELILLA WAX
CARNAUBA WAX
High M. P. Substitute
OURICURY WAX
SHELLAC Orange Bleached
332 W. 42nd St., New York 18, N. Y
Phone: BRyant 9-5211

THE BRODE CORPORATION
MEMPHIS, TENNESSEE
Domestic and Export
PRODUCTS OF COTTONSEED, PEANUTS, SOYBEANS and GROUND GRAINS
Members: Memphis Merchants Exchange, Chicago Board of Trade Grain and Feed Dealers National Association, American Feed Manufacturers Association, Inc., National Cottonseed Products Association
Codes: Yopps Robinsons, Bentleys ABC, 5th Edition Peerless

AMCON
AMORPHOUS WAXES
For Laminating Paper
Melting Points 126° F. to 170° F.
COLOR: DARK AMBER
PETROLEUM SULPHONATES
AMCON TRADING CORPORATION
29 BROADWAY NEW YORK 6, N. Y.

W. C. HARDESTY CO.
41 EAST 42nd STREET • NEW YORK 17, N.Y.
RED OIL STEARIC ACID
Saponified — Distilled
HYDROGENATED FATTY ACIDS
(HYDREX)
Cottonseed Oil Fatty Acids
Palm Oil Fatty Acids
Corn Oil Fatty Acids
Specialty Fatty Acids
Glycerine — Pitch — White Oleine
FACTORIES
DOVER, OHIO · LOS ANGELES, CALIF. · TORONTO, CANADA

Oils, Fats, and Waxes

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.3	193.3	193.3	195.3

Scarcity of all oils and fats continued to deter business during the week. Consuming demand still exceeded supplies, but with offerings restricted, trading was confined to limited quantities.

Little improvement in the tight supply conditions of oils and fats was contemplated by the trade at the end of hostilities in the European war sector. Many raw materials will likely, be affected by cut backs in government and other contracts, temporarily, at least. The dearth of oils and fats stocks in the world markets, combined with a continued heavy demand for both edible and inedible products for domestic and foreign consumption is dependent mostly on the United States. Therefore, little change was anticipated in existing firm conditions in the oils and fats situation for some time to come.

Owing to the steady decline of hog receipts, the production of grease has declined to the lowest point of this season. Hog receipts in Chicago numbered 225,000 during April, the smallest of any April on record. Inspected hog slaughter for the country totaled approximately 15,250,000 hogs during the first four months for 1945 as compared with 28,674,230 for the same period last year. The light receipt of hogs resulted in the closing of half of the hog lots in the Chicago stockyards for an indefinite period. Tallow production continued on a moderate scale, with demand larger than the supply.

Cottonseed Oil

Insofar as new business was concerned, trading was light and spasmodic, owing to scanty supplies. However, consumption continued to move at a good rate against government allocations. Crude oil was in keen request, but crushers were not offering. Market remains firm at ceilings.

WFA purchased 3,919,592 pounds of oleomargarin at the cost of $626,105 and 184,478 pounds of shortening for $31,260 for lend-lease during March. Also purchases of tropical oleomargarin totaling 1,700,000 pounds at 15.56c. to 16.95c. per pound, in tins, works, on April 16, 18 and 20, were announced by WFA.

Bleachable oil prices follow:—

	Cents per pound in tanks—High.	Low.	Close.
May	....	....	14.31 bid
July	....	....	14.31 bid
September	....	....	14.10 bid
October	....	....	13.95-14.20
December	....	....	13.75 bid
March	....	....	13.75 bid

Total sales, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all prices ceilings).

Memphis, May 3.—Good inquiry noted for crude cottonseed oil, but offerings continued scarce. Cottonseed, peanut and soybean meals available at ceilings with buyers indifferent. Farm work still delayed by wet and cool weather.

Atlanta, May 2.—Market for oilseed products was dull but supplies were held at ceilings. Soybean meal was accumulating at Southern mills and was easy.

Linseed Oil

Further reduction in linseed oil supplies has compelled crushers to seek help from the government in order to relieve the tight supply situation by asking for replacements of oil from the government stockpile. In some instances demand for raw oil against FR 10 could not be covered owing to the dearth of supplies. Crushers were awaiting the decision of officials which will enable them to make deliveries against priority orders.

Arrivals of 40,420 bushels of Canadian flaxseed were noted at New York during the past week.

WFA purchased 262,395 pounds of boiled linseed oil at the cost of $40,147 during March for lend-lease.

Minneapolis, May 3.—Production of linseed oil in the Northwest continued at approximately 30 percent of capacity, crushers foreseeing some extension of the crushing season as the cash receipts improve.

Shipments of linseed oil, in pounds, were as follows:—

	1945-44	1944-43
This week	3,420,000	6,480,000
Since Sept. 1	159,800,000	225,730,000

Flaxseed—A few cars of seed readily sold at ceiling. Receipts expected to increase in the next two weeks. September delivery sold at $3.10 per bushel, the ceiling.

Minneapolis, May 2. — Flaxseed receipts at Minneapolis were expected to show an appreciable increase during the next fortnight. It was pointed out by crusher analysts there is at least 500,000 bushels of flaxseed still booked on a "to arrive" basis that can come in under permits that might be difficult to obtain for oats, rye and barley. Large areas of North Dakota and Montana still unseeded as rain, snow and low temperatures delay field work.

Crop movement in bushels follows:—

	Receipts— 1945-44		Shipments— 1944-43	
This week	117,000	121,000	51,000	24,000
Since Sept. 1	10,626,500	20,026,600	1,710,500	2,461,000

Flaxseed markets at Minneapolis and Duluth during the week were unchanged at $3.10 (ceiling) per bushel for spot and forward deliveries.

Buenos Aires, May 4.—Flaxseed shipments totaled 140,000 bushels to the United States during the week. None to other destinations. Visible supply of seed was placed at 3,622,000 bushels. Argentine flaxseed was quoted at $2.26½ per bushel, nominal.

Hull, May 4.—Bombay, £33¾, May; Calcutta, £31, May; La Plata not quoted.

Other Vegetable Oils

Babassu — Receipts totaled 11,165 bags were reported and consigned against former contracts.

Cottonseed—Arrivals were reported at 510 drums and delivered on prior orders.

Oiticica—Supplies on the spot were not heavy and sales were noted at ceilings for drum lots. Inquiry from European buyers has broadened of late. Offerings from Brazil were reported light.

Olive—Supply situation continued tight. No offerings were received from abroad and domestic oil sold up. Market entirely nominal at ceilings. Reports from Spain estimate the olive oil production from the 1944-45 crop will amount to about 220,000 metric tons, according to the Department of Commerce. Normal annual consumption of olive oil in Spain amounts to 300,000 metric tons.

Palm—Arrivals were noted at 1,235 tons and consigned to users against previous contracts.

Soybean Oil—WFA purchased 1,836,760 pounds of soybean oil for $276,081 for lend-lease during March.

Sunflower Seed—Reports from the Argentine estimate the 1944-45 production at 1,146,000 tons, as compared with 1,036,000 tons the previous season.

Tung—Supplies were scarce with moderate sales of drums at ceilings. Offerings from domestic producers were lacking owing to the sold-up output. Mills were reported shut down for the season.

Fats and Greases

Greases—Curtailed production, the smallest thus far this season, restricted business to occasional carlots. Demand still exceeds the supply.

Lard—Trading was confined to scattered light supplies. Offerings continued scarce. WFA reported the purchases of 24,908,460 pounds of lard and rendered pork fat for $3,646,100 for lend-lease during March.

Tallow—Keen demand absorbed all offerings at ceilings. Offerings were moderate, but inadequate to cover requirements.

Animal Oils

Degras — Trading quiet, owing to scarcity of supplies. Demand was keen, exceeding supplies. Prices firm for all grades.

Neatsfoot—Limited output readily absorbed at ceilings. Offerings con-

For Current prices see alphabetical listing beginning on page 9

Argentina Raises Flaxseed Prices

Buenos Aires, May 3 (Comtelburo)—An official decree states that the Argentine government will be the sole buyer of 1944-1945 and subsequent crops of all grains and oilseeds for export. Exporters will continue functioning, however, but they must purchase these commodities from the junta.

The government also raised the price of the new flaxseed crop from 13 pesos to 14.30 pesos per 100 kilos, in bags, ex-Buenos Aires, and will remunerate farmers with 1.30 pesos per 100 kilos for 1944-1945 flaxseed sold previously to the junta.

tinued scarce. Quotations maintained at ceilings.

Oleo—Trading confined to small quantities, because of sold-up production.

Fish Oils

Menhaden—Offerings of refined oil for prompt and nearby delivery were scarce. Market firm at ceilings. Menhaden fishing has started off the Florida coast. Bids at the ceiling for new crude oil were reported unaccepted.

Baltimore, May 2.—Reports from Florida, where some fourteen or fifteen menhaden fishing boats put out from Fernandina nearly ten days ago state that good hauls of menhaden were made last week. Other boats from North Carolina and Virginia were getting ready to begin work in the last week of the present month, somewhat sooner than other seasons. Prices firm at the ceiling 8.9c. bulk.

Sardine—Trading refined grades restricted because of scarcity of supplies. Good inquiry reported for crude oil, with bids at ceiling turned down.

Fatty Acids

Red Oil—Makers restricted sales to regular consumers and on government directives. Production sold well ahead. Quotations firm at ceilings.

Stearic Acid—Withdrawals active against former contracts. New business unacceptable by sellers owing to sold-up output. Market firm at ceilings.

Margarin Production Lower in February

Production of margarin in February amounted to 51,752,317 pounds, compared with 59,330,191 pounds for January, and 57,220,632 pounds during February last year, according to the Bureau of Internal Revenue.

	Pounds—February 1945	1944
Production of uncolored oleomargarin	*47,772,532	†41,277,078
Withdrawn taxpaid	48,491,204	40,655,993
Used in Uncolored Margarin		
Butter culture	31	25
Butter flavor	381	950
Citric acid	188	112
Corn oil	879,384	786,006
Cottonseed oil	22,949,725	18,558,204
Cottonseed stearin	.....	356
Derivative of glycerin	92,374	70,446
Diacetyl	74	85
Estearin	7,318	8,345
Lecithin	58,531	39,438
Milk	8,410,107	7,292,566
Monostearin	33,548	26,096
Neutral lard	590,526	697,295
Oleo oil	695,037	805,411
Oleo stearin	216,482	251,919
Oleo stock	63,057	77,603
Peanut oil	1,056,283	1,655,506
Salt	1,477,582	1,221,330
Soda, benzoate of	29,382	25,464
Soybean oil	12,411,151	9,755,357
Soybean stearin	1,512	.....
Soyflakes	366	994,130
Tallow	.....	42,532
Vitamin concentrate	10,273	7,558
Total	48,983,312	42,316,733
Production of colored oleomargarin	3,979,779	15,943,554
Used in Colored Margarin		
Withdrawn taxpaid	2,556,871	1,243,385
Butter flavor	21	192
Citric acid	.....	6
Color	4,967	10,613
Corn oil	8,007	1,632
Cottonseed oil	1,498,576	521,350
Derivative of glycerin	4,348	20,701
Diacetyl	16	25
Estearin	235	1,670
Lecithin	2,679	5,781
Milk	660,292	2,491,609
Monostearin	1,292	8,436
Neutral lard	104,065	302,959
Oleo oil	92,800	394,373
Oleo stearin	209	7,120
Oleo stock	21,750	204,977
Peanut oil	7,303	14,459
Salt	131,231	535,040
Soda, benzoate of	1,542	10,577
Soybean oil	1,471,311	11,438,531
Soyflakes	2,880	15,000
Vitamin concentrate	615	2,831
Total	4,014,139	15,987,882

Note.—The figures for February, 1945, are subject to revision until published in the commissioner's annual report.

* Of the amount produced, 3,349 pounds were reworked.

† Of the amount produced, 8,980 pounds were reworked.

Cake and Meal

Cottonseed Meal—Arrivals of foreign meal were reported at 22,040 bags. Demand for domestic meal was quiet, with offerings moderate at ceilings.

Linseed Meal—Withdrawals against contracts heavy. Production sold up for the season with crushers unable to accept additional business.

Minneapolis, May 3.—Many crushers, in an oversold position on meal, were able to foresee meeting of contractual obligations as seed started to roll once again, but were not offering any more meal for sale.

Shipments of linseed meal, in pounds, were as follows:—

	1945-44	1944-43
This week	7,320,000	10,680,000
Since Sept. 1	84,020,000	198,320,000

Soybean Meal—Purchases of 4,000,000 pounds of soybean meal at the cost of $97,000 were made by War Food Administration during March for lend-lease.

Waxes

Beeswax—Owing to the lack of offerings from primary markets, trading was practically at a standstill. Prices remain firm at ceilings. Receipts totaled 200 bags on prior orders.

Carnauba—Arrivals were noted at 1,690 bags consigned against previous contracts. Brazilian producers were still out of the market. Inquiry continued active. Prices held at ceilings.

Ouricury—While demand was keen from users of carnauba, the absence of offers from Brazil resulted in a dull market. Quotations were firm at ceilings.

DARLING'S PEARL-STEARIC

A FREE-FLOWING STEARIC ACID IN BEAD FORM

•

Measures, Weighs, Mixes and Melts Quickly

Also
Slab Stearic Acid
Oleic Acid
Red Oil
Fatty Acids
Glycerine
Pitch—and
Special Fatty Acids for Rubber Compounding

DARLING & COMPANY *Manufacturers*
4203 South Ashland Avenue • Chicago

FISH LIVER OIL FATTY ACIDS
CARLOADS AND LESS
SPOT • CONTRACT • FUTURES
Quotations, samples, other details on request.
CHEMICAL SERVICE COMPANY
82 Beaver Street, New York 5, N. Y. HAnover 2-6970

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E-5 Syracuse, N.Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid
WARRANTED PURE BEES WAX

GLYCERINE
•
SAPONIFICATION
CRUDE
•
Tankcars - Drums
A. GROSS & CO.
295 MADISON AVENUE
NEW YORK 17, N. Y.
ESTABLISHED 1837
Factory: NEWARK, N. J.
CABLE: GROSSRAY AShland 4-8250

UTAHWAXES
Entirely Allocation and Priority Free. Completely Refined, Hard and Amorphous

m. p. Ring & Ball	190 F.	183 F.	172 F.
Pen. 100 gms. / 5 sec. / 77° F.	½	1	1½

Recommended for Carbon Papers, Crayons, Shoe Polishes, Sealing, Impregnating, Insulating Compounds, Etc.
CHARLES S. GLICKMAN
Technical Sales Representative (Ozokerite Mining Co.)
3862 Flatlands Avenue Brooklyn 10, N. Y.

CROSBY
THE MARK OF QUALITY
PINENE
PINE OILS
DIPENTENE
B WOOD RESIN
FF WOOD ROSIN
ALPHA TERPINEOL
TERPENE SOLVENTS
PALE WOOD ROSINS
(All grades from I to X)
LIMED WOOD ROSINS
RESINOUS CORE BINDER
STEAM DISTILLED WOOD TURPENTINE
CROSBY NAVAL STORES, Inc.
PICAYUNE, MISSISSIPPI

OPD—5-7-1945 52

POTASSIUM THIOCYANATE NF

now available! *

ANALYZED REAGENTS — Baker's — FINE CHEMICALS

CHEMICAL FORMULA: . . KSCN

DESCRIPTION: . . . . Colorless, transparent, hygroscopic crystals, odorless and having a saline taste.

ASSAY: . . . . . 99% +

SOLUBILITY: . . . . . 1 gram soluble in .5 cc water at 25° C
1 gram soluble in 12 cc alcohol at 25° C

SPECIAL CHARACTERISTICS: A product of synthesis — with unusually low indices of arsenic, heavy metal and iron impurities.

MEDICINAL USE: . . . . In arterial hypertension

* **AVAILABILITY:** . . . . Pharmaceutical manufacturers will be interested in knowing that we have completed new plant facilities, sufficient for the requirements of the medicinal trade. Potassium Thiocyanate is being synthesized from abundant raw material. We are completely removed from any dependence on the raw material which has previously limited productive capacity. The finished material meets the most exacting standards.

PACKAGES AND PRICE RANGE: . . . .

Barrels containing 225 lbs.	$.65 per lb.
5 barrel lots	.62 per lb.
Kegs containing 100 lbs.	.70 per lb.
Kegs containing 50 lbs.	.74 per lb.
Kegs containing 25 lbs.	.78 per lb.

F.O.B. Phillipsburg, New York or Philadelphia.

A test sample will be mailed upon request.

also available

- Potassium Thiocyanate CP
- Potassium Thiocyanate Technical
- Ammonium Thiocyanate CP
- Ammonium Thiocyanate Purified
- Ammonium Thiocyanate Technical
- Ammonium Thiocyanate Crude

J. T. Baker Chemical Co., *Executive Offices and Plant:* Phillipsburg, N. J.

Baker's fine chemicals

Drugs and Fine Chemicals

Price developments last week in the market for drugs and fine chemicals brought lower prices on penicillin, menthol, thioglycollic acid, butyl acetate and butyl alcohol. Quicksilver retained considerable stability, but to its recent position was added the surrender of all Italy to the United Nations and the consequent revival, potentially at least, of Italian quicksilver in international affairs. Mercurials as yet did not reflect the recent reduction in raw material cost.

During the period, the War Production Board amended its schedule 95 of order M-300 to tighten control on deliveries of perchlorethylene and requiring suppliers to list names of all customers ordering more than 3,500 pounds per month. Formerly, individual customer listings were set at orders of 7,000 pounds or more per month. A quarterly report on form WPB-3442 covering stocks and consumption was ordered. WPB also banned the use of imported cane alcohol for beverages and for certain miscellaneous uses in cosmetics and toiletries, beginning May 7. Deliveries in quantities of one gallon or less were exempt.

Spot prices on menthol reached parity with the values properly to develop on spot in accordance with the Brazilian price floor. However, should revision in Brazilian export licenses come—and some thought it would—further change in spot quotations might be effected.

The decline in butyl acetate and alcohol prices applied only to fermentation material produced in Illinois and Indiana. It was not certain that price to be set on dibutyl phthalate for the next period would be affected.

Acid, Ascorbic—The Commodity Credit Corporation of the War Food Administration bought 22,040 pounds at 11.1162c. per pound on April 21.

Acid, Thioglycolic—One producer of this material has reduced quotations to the basis of $3.50 per pound on the basis of 100 percent purity. Others continue to quote upwards of $7 per pound and state that the difference in price represents a difference in quality.

Alcohol—To prevent diversion of imported cane alcohol from the Defense Supplies Corporation stockpile of war alcohol to beverage purposes, the War Production Board banned the use of imported cane alcohol for blending beverage spirits and certain miscellaneous uses in cosmetics and toiletries beginning May 7. The ban was effected by order L-348. Imports from Cuba had increased sharply in recent months. The above named order affects only raw or semi-finished cane alcohol; importation of finished beverages is not restricted. The order also does not apply to deliveries in containers of one United States gallon or less.

Argols—Arrivals totaled 375 bags of crude tartar and 178 bags of wine lees. All came consigned to the official import body and will be allocated to the tartaric acid producers on the usual basis.

Butyl, Acetate—Prices on fermentation material produced in Indiana and Illinois were reduced ½c. per gallon effective May 1. The new price in tanks was 17.30c. per pound.

Butyl Alcohol—Quotations were reduced 35/100c. per gallon on May 1. The new price applied to fermentation material produced in Indiana and Illinois and established tanks at 16.90c. per pound.

Castor Oil—Consumption runs apace, accounting for production promptly and keeping unsold reserves to conservative limits. Arrivals of castor beans totaled 2,460,050 pounds, establishing the total arrival since January 1 at 76,520,300 pounds. The latter figures compare with 119,932,150 pounds arrived during the corresponding period a year ago.

Chicago, May 2.—Castor oil prices are: —Cold pressed, U.S.P., returnable drums, carlots, 13¾c. per pound; drums, less than carlots, 14½c.; tanks, 13c.; No. 3, extracted, returnable drums, carlots, 13½c. per pound; drums, less than carlots, 14¼c.; tanks, 12¾c.

Dibutyl Phthalate—The supply situation continues tight with production going almost entirely for use in war products. The fact that butyl alcohol and acetate have been reduced on the product of fermentation made in Illinois and Indiana may have an effect on dibutyl prices when set for the next period, although not necessarily so.

Market Trends

Prices Advanced

None

Prices Reduced

Acid, thioglycolic, $1.50 per lb.
Butyl acetate, 35/100c. per lb.
Butyl alcohol, ½c. per lb.
Menthol, natural, 25c. per lb.
Penicillin, 44c. per 100,000 units.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
221.4	222.2	222.4	241.7

Ephedrine—The heavier requests during the winter months has subsided but there is still a very good movement.

Fishliver Oils — Consumption took production in fine fashion. The market lacked substantial reserves and the raw material situation fails to suggest an early improvement in stockpiles of producers.

San Francisco, May 2.—The market for fishliver oils continues quiet due to lack of supplies.

Glycerin—There is every reason for the belief that demand on export account will be speeded when finis is written to the war in Europe. Many countries have lacked glycerin for years, and it seems not unlikely that a sharp rivalry may rise between nations able to supply potential buyers with shipments. Good progress toward that end has been made in this country. The need of glycerin for war purposes remains great, but a shift in military requirements was one of the major factors which contributed to easing of controls some time back. A postwar demand is expected to equal or exceed that of the prewar period, according to a representative of the chemical unit, Bureau of Foreign and Domestic Commerce, who also says that the largest use of glycerin is in the manufacture of synthetic resins and ester gums. He even ventures the opinion that consumption of glycerin in explosives for clearing devastated cities, towns and harbors is expected to approximate its wartime use in military ammunition.

Chicago, May 2.—Glycerin prices are: —Chemically pure, 15c. per pound, tankcar; 15½c., drums, carlots; 15¾c., drums, less than carlots; high gravity, 14¼c. per pound, tankcar; 14½c., drums, carlots; 15c., drums, less than carlots.

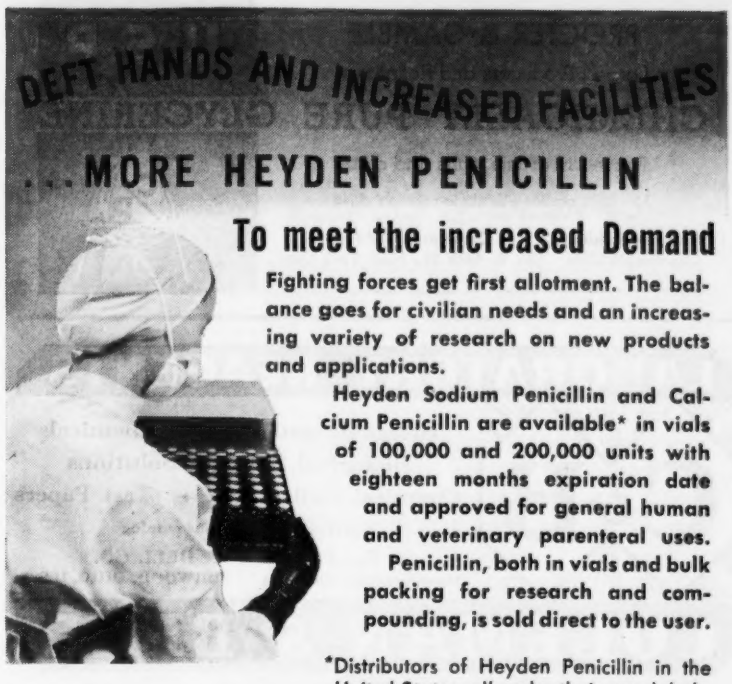
Menthol — The spot price has been reduced to $9.75 to $10 per pound, which was said to be about in line with what prices should be, based on the $19.50 per kilo floor prevailing in Brazil. There is a matter of export licenses to be considered in Brazil, and some here look for some change in the cost of such licenses, a development that could find reflection in the forward delivery price position of menthol.

Milk Powder—A purchase of 2,085,800 pounds of roller process skimmed milk powder was made on April 23 by the Commodity Credit Corporation of the War Food Administration. Prices paid ranged 13½c. to 14¼c. per pound, according to the location of the material purchased.

Penicillin — Competition broke out afresh, and by two declines the market was brought down to the basis of $1.10 per 100,000 units.

Perchloroethylene—The reporting provisions of schedule 95 of WPB order M-300 were tightened to effect a closer control of deliveries of this material which is in critical supply. Total production is channeled to the military. According to the provisions of the amendment, suppliers are required to list the names of all customers ordering more than 3,500 pounds a month. Orders for less than 3,500 pounds a month are grouped and reported in terms of usage. Formerly, the requirement for individual customer listings was set at orders for 7,000 pounds or more per month. The amendment further calls for a quarterly report on form WPB-3442 of stocks and consumption. This report is required of customers ordering 21,000 pounds or

For Current prices see alphabetical listing beginning on page 9.



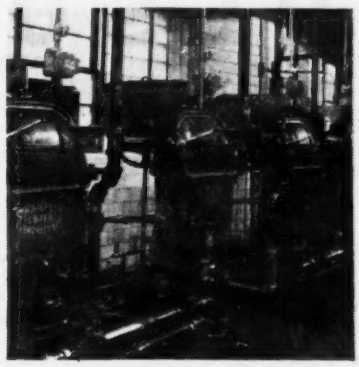
To meet the increased Demand

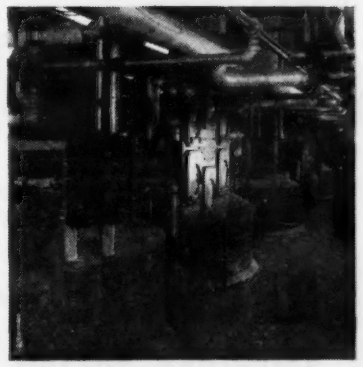
Fighting forces get first allotment. The balance goes for civilian needs and an increasing variety of research on new products and applications.

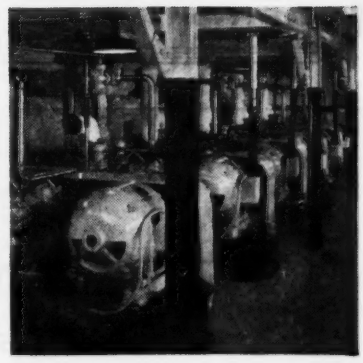
Heyden Sodium Penicillin and Calcium Penicillin are available* in vials of 100,000 and 200,000 units with eighteen months expiration date and approved for general human and veterinary parenteral uses.

Penicillin, both in vials and bulk packing for research and compounding, is sold direct to the user.

*Distributors of Heyden Penicillin in the United States sell under their own labels.







FINE HEYDEN CHEMICALS

HEYDEN
Chemical Corporation

393 SEVENTH AVE., NEW YORK 1 • 180 N. Wacker Dr., Chicago 6

Benzaldehyde • Benzoates • Benzoic Acid • Benzyl Chloride • Bromides • Chlorinated Aromatics • Medicinal Creosotes • Formates • Formaldehyde • Formic Acid • Glycerophosphates • Medicinal Guaiacols • Hexamethylenetetramine • Paraformaldehyde • Para-Hydroxybenzoates • Penicillin • Pentaerythritols • Salicylates

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums, cans and glass
Also other grades—Stocks in principal cities
Gwynne Building Cincinnati, Ohio
Commerce Building 155 E. 44th St., New York City

LABORATORY REAGENTS
C&B
Inorganic and Organic Chemicals
Biological Stains : Solutions
Chemical Indicators : Test Papers
Write for copy of our catalog
The COLEMAN & BELL CO.
Manufacturing Chemists NORWOOD, OHIO, U.S.A.
COLEMAN & BELL

RESORCIN
CATECHOL
PENNSYLVANIA COAL PRODUCTS COMPANY
PETROLIA, PENNSYLVANIA

DIMETHYL PHTHALATE
TRIACETIN
110 EAST 70th STREET, CINCINNATI 16
13 EAST 37th STREET, NEW YORK 16
MANUFACTURING CHEMISTS FRIES & FRIES INC CINCINNATI USA

ARMY E NAVY
Buy War Bonds
BORAX AND BORIC ACID
TRONA MURIATE AND SULFATE OF POTASH
BROMINE — BROMIDES
AMERICAN POTASH & CHEMICAL CORP.
122 East 42nd Street New York 17, N. Y.

ATLAS POLYALCOHOLS
CHEMICALS ATLAS EXPLOSIVES
Emulsifiers
Water-in-oil or oil-in-water emulsifiers. Solubilities range from completely oil soluble to completely water soluble. Supplied in 97% to 100% concentrations. Literature available.
SPANS*• TWEENS*• ARLACELS*
*Reg. U. S. Pat. Off.
ATLAS POWDER COMPANY
Industrial Chemicals Dept. Wilmington, Delaware

more for delivery during the second quarter of 1945, and for customers ordering 10,500 pounds or more for delivery in any subsequent quarters.

Quicksilver—Price stability appeared to prevail. During the week the surrender of all Italy to the United Nations definitely returns Italian quicksilver production—or at least the mines—for consideration as a potential factor in international transactions in quicksilver. That means that at least the skeleton of pre-war quicksilver has been revived. Spanish, Italian and United States quicksilver together become influences in the international, even the domestic, situation.

San Francisco, May 2.—The quicksilver market was active here this week, and prices were maintained between $152 and $158 per flask, f.o.b. San Francisco. Spot metal continued scarce.

Thiamin Hydrochloride—The Commodity Credit Corporation of the War Food Administration on April 21 brought 2,756 pounds of this material, paying 72.57½c. per pound.

Chemical Testimony

—Continued from page 4

pert testimony and can search out the reliability of a witness with pertinent questions, confidence is an important factor.

From the very nature of expert testimony dealing with technical matters, the expert, said Frank E. Barrows, attorney, should be one qualified by training and experience to deal with the technical matters involved, such as the meaning of technical terms, the state of the art and the prior knowledge of the art to which the invention relates, the relation of the invention of the patent in suit thereto and the relation of the alleged infringing device to the patented invention. An important qualification of an expert who is to testify as a witness is the ability to present his testimony in an understandable manner so that a non-technical judge may understand the technical matters involved, and to withstand cross-examination by opposing counsel on the technical matters involved including qualifications of the expert and the basis of any opinion evidence or fact evidence which may be given. He should avoid the tendency to draw conclusions and decide points. Where opinion evidence is given, there should be an ample and sound basis for the opinion expressed, and the expert should be properly prepared for cross-examination as to the basis for such opinion evidence.

Understanding and collaboration between counsel and its expert witnesses are most desirable and highly necessary, Mr. Barrows said. Knowledge of legal principles and of questions involved is important. Neutral experts have not proved up to expectations in value to courts. Demonstrations and exhibits are useful.

In presenting the views of the consultant, Benjamin T. Brooks prefaced them with this:—

Probably everyone has heard the somewhat libelous designation of expert witnesses as the worst of the class among liars, damn liars, and expert witnesses. I may be excused from classifying myself in any of these first two categories and, speaking only about my opponents in such suits, I am glad to say that I have never encountered one who I thought could properly be called a liar.

Mr. Brooks elucidated his observation with the comment that a judge soon "gets the number" of an expert. He thought that it was a great mistake for an expert to attempt to explore the patent suit dealing with matters about which he does not have well-grounded and fairly extensive knowledge. This has led to some criticism of technical experts which, he opined, was occasionally justified.

Warning against being an expert in too many things, Mr. Brooks expressed the conclusion that patent suits in which experts are used are generally on a high ethical plane or conducted with considerable decorum and that a witness has really very little to worry about so long as he tells the truth and takes no false or strained position when it comes to opinions when it cannot be fully defended. After extensive consultation with his own counsel he then needs suffer no particular nervous wear and tear in giving expert testimony.

It is more important, said W. M. Grosvenor, jr., that an expert witness have litigatory experience than that he be highly trained technically. The latter qualification holds most for the validity of his testimony. Jerome Alexander expounded the necessity that an expert witness in technology have a goodly measure of versatility. The value of demonstrations was stressed by Carl Bussow.

Technical forensics in admiralty cases was outlined by Alvin C. Purdy. Sam Tour told how an expert should most impressively and successfully conduct himself on the witness stand. The attitudes of judges and their reactions under expert testimony were reviewed by Louis Weisberg. The point raised by Mr. Barrows, whether an expert witness is a partisan advocate, was elaborated by Bernard L. Oser, who also discussed the idea of a panel of experts at the service of the court.

United Drug Co. Now United-Rexall Drug Co.

The name of the United Drug Company, Boston, operating subsidiary of United Drug, Inc., has been changed to United-Rexall Drug Company. This action was taken to make the company's trade-mark, Rexall, a part of the corporate name.

TRADE EDCAN MARK
CACODYLATES
The Standard of American Quality
EDCAN LABORATORIES
10-20 Pine Street
SOUTH NORWALK, CONN.

BIOLOGICAL RAW PRODUCTS CO.
Glandular Powders
Glandular Derivatives
OXGALL PURE
Fresh Frozen, Inspissated, Powdered
FISH LIVER OIL CONCENTRATES
415 LEXINGTON AVENUE
New York 17, N.Y. Tel. MU 2-6361

BL
CHINIOFONUM
Chiniofon Powder
U. S. P. XII
Description: 7-iodo-8-hydroxyquinoline-5-sulphonic acid, containing 26.5-29% of iodine, with addition of sodium bicarbonate to render it water-soluble (1:25).
Action: Antidysenteric. Indicated for acute and chronic amebic dysentery.
Chiniofon Powder Lemke is a product of exceptional purity available in bulk packing, or bottles of various sizes.
Prices and further information on request
B.L. LEMKE & CO.
Manufacturing Chemists
250 WEST BROADWAY, NEW YORK 13, N.Y.

We announce with pleasure our appointment as

Exclusive selling agents in United States and Canada

For the internationally famous firm of

S/A INDUSTRIAS REUNIDAS

F. MATARAZZO

SAO PAULO, BRAZIL

Expert producers of guaranteed

NATURAL U. S. P.

MENTHOL

and

CAFFEINE

We will be pleased to cover your requirements through **SPOT and FUTURE** deliveries.

MARTIN DE BOTELHO COMPANY

John M. H. Shline, Managing Associate
2 East 55th Street, New York
Plaza 3-7997

CHEMICALS

ACETPHENETIDIN

BALSAM PERU

CITRONELLA OIL CEYLON

GUM ARABIC

MENTHOL CRYSTALS U. S. P.
(Spot and Futures)

●

R. J. PRENTISS & CO., INC.

80 John Street, New York 7, N. Y.
9 So. Clinton Street, Chicago 6, Ill.

Wanted CHEMICALS for SWITZERLAND

The SWISS market requires large quantities of Chemicals, Solvents and Pharmaceuticals.

Our excellent and old standing connections with the SWISS industries are at your disposal.

We are willing to act as selling agents of first class manufacturers for Switzerland, or buy on firm account.

Please write or cable to:

SCHWEIZERHALL Ltd.

BASLE 13 (Switzerland)

Founded 1860.

Share Capital and Reserves: Swiss francs 4,000,000.—

Telegrams: "Schweizerhall Basle"

References: Swiss Bank Corporation
15 Nassau Street, NEW YORK 5

Today...
STANDARD is producing tubes for the essential needs of our armed forces
Tomorrow...
After Victory is won . . . the name "STANDARD" will again be a symbol of quality on tubes for civilian needs
Let's all do our share – buy more War Bonds

Standard
SPECIALTY & TUBE CO.
New Brighton, Pa.

ALL GRADES OF REFINED
GLYCERINE
Distributors and Stocks in all Principal Cities
FACTORIES AT: Cambridge, Mass.; Baltimore, Md.; Hammond, Ind. and St Louis, Mo.
LEVER BROTHERS COMPANY
Producers and Refiners
50 Memorial Drive Cambridge 39, Mass.

Important Ingredient
in the Formula~COLOR

People should not judge by appearances . . . but they do!

That's why color that promises palatability is so important in the first-sale—why the same color uniformity repeated helps to maintain repeat sales of proprietaries.

Made in the same pharmaceutical laboratories that produce National Biological Stains, National Food, Drug & Cosmetic Colors are the industry's oldest and most complete line of Primary Colors and Blends.

Our 38 years of Certified Color Experience is at your service.

Certified Color Division
NATIONAL ANILINE DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET NEW YORK 6, N. Y.
BOSTON PHILADELPHIA GREENSBORO CHATTANOOGA
PROVIDENCE SAN FRANCISCO ATLANTA PORTLAND, ORE
CHICAGO CHARLOTTE NEW ORLEANS TORONTO

Chemicals Postwar Output

—Continued from page 3

the postwar period would amount to $4,576,800,000, or an increase of 65 percent, while imports would drop slightly to $39,300,000, or to 98 percent of the 1939 level. With duties reduced by 50 percent, production would amount to $4,559,700,000, an increase of 64 percent of 1939, while imports would go up to $55,500,000, or 38 percent. Should duties be increased 50 percent, production would rise to $4,587,500,000 in the postwar period, while imports would fall to $30,100,000, or to 75 percent of 1939.

Should per capita national income rise 75 percent above 1939 in the postwar period, group (1) items would be produced, assuming duties remained unchanged, to a value of $5,908,100,000, of 113 percent more than in 1939, and imports would rise to $67,200,000, or 68 percent above 1939. With duties reduced 50 percent, production would amount to $5,884,300,000, up 112 percent from 1939, and imports would be $90,100,000, an increase of 125 percent over 1939. With duties increased 50 percent, production would amount to $5,930,300,000, an increase of 114 percent; imports would total but $46,200,000, an increase of only 15 percent.

Outlook in Other Groups

Group (2) items had a production value of $68,300,000 in 1939, and imports were valued at $27,400,000. In the postwar period, production of these products, if the national income remained unchanged from the 1939 level, would be expected to decline slightly to $67,200,000, or 98 percent of 1939, and imports would drop to $26,800,000, or 98 percent of 1939. With a 50 percent duty reduction, production would decline to $66,400,000, or to 97 percent of 1939, while imports would about equal 1939 at $27,300,000. With an increase of 50 percent in duties, production was estimated at $67,700,000, or 99 percent of 1939, and imports at $26,400,000, or 96 percent of 1939.

On the basis of a 75 percent rise in national income, production would go up to $101,200,000, or 48 percent above 1939, and imports would amount to $38,700,000, up 41 percent from 1939. With duties reduced 50 percent, production would be $99,900,000, or 46 percent more than in 1939, and imports would be $39,900,000, or 46 percent above 1939; with duties increased 50 percent, production would be $102,700,000, or 50 percent above 1939, and imports would be $37,800,000, up 38 percent from 1939.

Production of group (3) items in 1939 was estimated at $367,100,000, and imports at $80,300,000. In the postwar period, with the national income unchanged, production would amount to $455,500,000, up 24 percent, and imports would drop to $75,000,000, or 93 percent of 1939. With national income 75 percent greater than in 1939, production would be expected to reach $556,500,000, up 52 percent, while incomes would amount to $115,000,000, up 43 percent.

Fats and Oils Picture

Fats and oils production (group (4) items) amounted to $921,000,000 for the domestic market in 1939, and imports were $85,000,000. With no change in national income or duties in the postwar period, production of these items for the domestic market was forecast at $1,073,000,000, or an increase of 16 percent over 1939, and imports at $98,000,000, or an increase of 15 percent. With duties reduced 50 percent, domestic production would be slightly less, at $1,032,000,000, or 12 percent above 1939, while imports would rise to $118,000,000, up 39 percent. With duties increased 50 percent, domestic production would go up to $1,116,000,000, an increase of 21 percent, while imports would drop to $80,000,000, or 94 percent of 1939.

With the percapita national income 75 percent more than in 1939, but duties unchanged, production for the domestic market was estimated at $1,458,000,000, or an increase of 58 percent; imports at $125,000,000, or an increase of 47 percent. With the duty reduced 50 percent, production was estimated at $1,434,000,000, or 56 percent above 1939, and imports at $147,000,000, up 73 percent from 1939. A 50 percent increase in duties would mean a domestic production of $1,483,000,000, or an increase of 61 percent over 1939, while imports would total $106,000,000, up but 25 percent from 1939.

Gartenberg & Co. Gets 'A'

H. Gartenberg & Co., Chicago, has been awarded the achievement "A" by the War Food Administration for outstanding production in the nation's wartime food production program. The Chicago firm is engaged in repacking dried egg powder for sale to government agencies.

ALL GRADES OF
REFINED
GLYCERINE
U. S. P. B. P.
YELLOW DISTILLED
HIGH GRAVITY
DYNAMITE
★ ★ ★ ★
REFINERIES LOCATED AT
• Brooklyn, N. Y.
• Jeffersonville, Ind.
• Jersey City, N. J.
• Berkeley, Calif.
• Kansas City, Kans.
COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPARTMENT
105 HUDSON STREET
JERSEY CITY 2 NEW JERSEY

CHEMICALS WANTED
Packaged, or bulk suitable for packaging, for sale to automotive, oil and hardware jobbers, by well-rated corporation, established 1903. Basis, straight agency, or agency doing own billing and carrying accounts, or outright purchase. Can also prepare and finance advertising and promotion. Territory eastern seaboard, or national with west handled through established affiliates.
GENERAL PRODUCTS DIVISION
Attention: Julian A. Wesseler, Manager
Automatic Fire Protection Company
Englewood, New Jersey

SILMO
VITAMIN A-D PRODUCTS
• FISH LIVER OILS
• CONCENTRATES
Silmo Chemical Corp.
Laboratories and Main Office
VINELAND NEW JERSEY

VITINC
PIONEERS SINCE 1936
TRADE MARK
BASIC A AND D
VITAMIN
MANUFACTURERS
HEADQUARTERS FOR TECHNICAL INFORMATION
VITAMINS, INC.
809 W. 58th ST.
CHICAGO 21, ILL.

ORGANIC PEROXIDES

CATALYSTS FOR POLYMERIZATIONS
DRYING ACCELERATORS · OXIDATION
AGENTS · BLEACHING AGENTS

LUCIDOL*
(BENZOYL PEROXIDE)

LUPERCO*
(PEROXIDE COMPOUNDS)

ALPEROX* C
(TECHNICAL LAUROYL PEROXIDE)

LUPEROX*
(PEROXIDE PASTES)

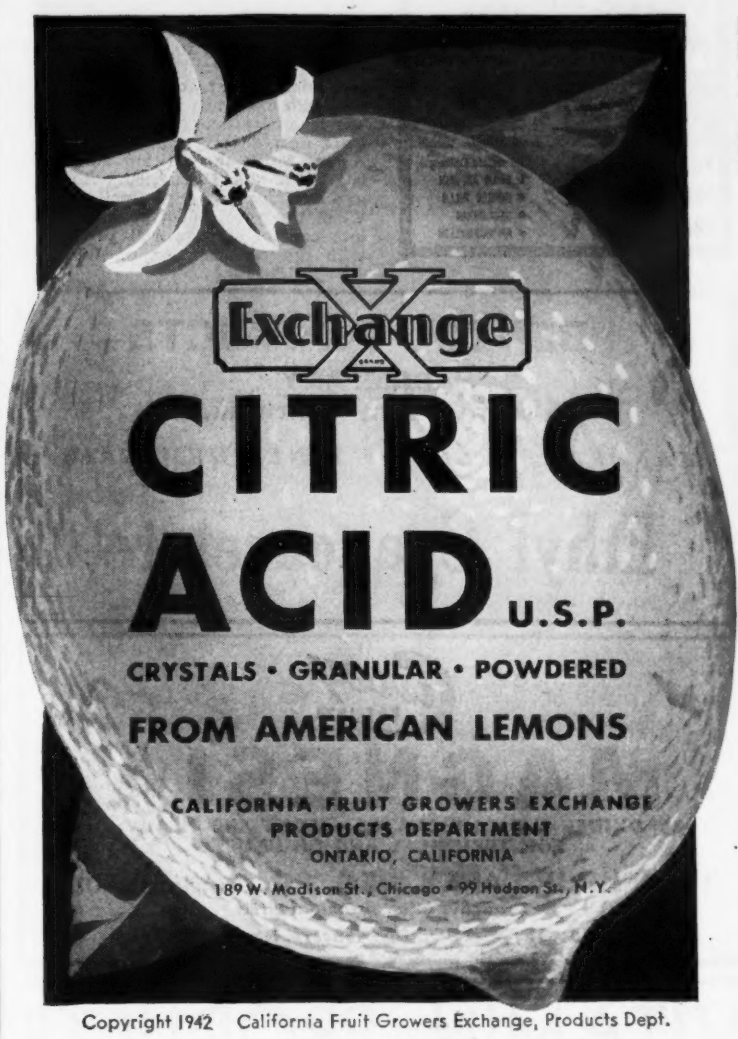
Special Organic Peroxides

* REGISTERED TRADEMARK

TRADE MARK

LUCIDOL CORPORATION

BUFFALO (5) N. Y.



Copyright 1942 California Fruit Growers Exchange, Products Dept.

★

Here is your **Vitamin A**

★ HIGHLY STABLE

★ EXCEPTIONALLY BLAND

★ GUARANTEED POTENCIES

★ ACKNOWLEDGED QUALITY

★ LONG TERM CONTRACTS

*Distilled Vitamin A Ester Concentrates**

DP INC

Distillation Products, Inc.

755 Ridge Road West, Rochester 13, New York

570 Lexington Avenue
New York 22, New York

135 South LaSalle Street
Chicago 3, Illinois

"Oil-Soluble-Vitamin Headquarters"

*Protected by U. S. product patent No. 2,205,925 and more than 50 process patents.

YOU NAME IT! WE MAKE IT!
WRITE DEPT. C-R
• TABLETS • ELIXIRS • OINTMENTS • AMPULES • PRIVATELY LABELED PHARMACEUTICALS
Ziegler
PHARMACAL CO. 500 FRANKLIN ST. BUFFALO 2, N. Y.
Immediate Delivery • BULK ASPIRIN • MINKLE PILLS • SACCHARIN • AMINOPHYLLIN

Batson Succeeds Stock

—Continued from page 7

January 1, 1944, he became deputy chief of the Drugs and Cosmetics Branch.

Prior to coming to Washington, Mr. Batson was assistant to Frank O. Taylor, chief chemist, for Parke, Davis & Co., who since has retired. Mr. Batson is on leave of absence from the P.-D. firm.

Fred Stock, the retiring chief, also is an oldtimer. He started with OPM as a purchasing adviser, April 28, 1941. When the government began moving into control of industrial production with the establishment of WPB, he transferred to the chemicals bureau to head up the drugs and cosmetics branch. He came from the Walgreen Company, Chicago, with which he had been connected for thirteen years. He goes to join Charles Pfizer & Co., manufacturer of pharmaceutical and other fine chemicals, New York.

Borden Co. Buys Straub Pharmaceutical

The Borden company, New York, has acquired the pharmaceutical division of W. F. Straub & Co., Chicago, manufacturer of pharmaceutical and biological products for twenty-five years. The new acquisition will be operated as Straub Laboratories, and will be under the executive direction of C. F. Kieser, Borden vice-president. Key personnel will be retained, but supervision will be under two executives of the Borden company's pharmaceutical and chemical division, William H. Berg, the director, who will supervise sales, and Harry McNeilly, director of production and research, who will head up these activities in the Straub unit.

The sale does not affect the food and soap specialties division of W. F. Straub & Co., which will continue to supply these items under its president, Walter F. Straub. Mr. Straub also will devote part of his time to serving as a consultant to the Borden Company on pharmaceutical problems.

DuPont Cartel Case Postponed to May 14

Trial of criminal action against E. I. du Pont de Nemours & Co., Wilmington, the Rohn & Haas Company, Philadelphia, and their officers, resulting from cartel agreements has been postponed by Federal Judge Meaney in Newark to May 14, on request of the government.

Associated Hospital Service Marks Tenth Year

The tenth birthday of the Associated Hospital Service of New York, largest of the nation's eighty-four Blue Cross plans sponsoring three-cents-a-day hospitalization, will be celebrated this week with a series of meetings throughout the area in which the plan operates. The week has been proclaimed "New York's Blue Cross Week" by president of the five boroughs.

Montana Joins Oil Compact Commission

Governor Sam Ford has signed a counterpart of an interstate agreement whereby Montana becomes the fourteenth member of the Interstate Oil Compact Commission.

Colgate Aid Heads Credit Men

Earl N. Felio, assistant treasurer and general credit manager of the Colgate-Palmolive-Peet Company, has been elected president of the New York Credit Men's Association. Among the newly elected members of the association's board of directors are D. E. Burroughs, of the Shell Oil Company; H. R. Gruber, of the Upjohn Company; Miss Ida Hill, of Harriet Hubbard Ayer, Inc., and T. H. Kleine, of the Hilo Varnish Corporation.

Consumers Import Moves

Consumers Import Company has moved from 342 Madison avenue to 350 Fifth avenue, New York. The company was incorporated in New York in 1928. James E. Tasley is president and Eric Kerry and E. H. Conklin are vice-presidents. The company is principally engaged in the importation of vitamin products, essential oils, crude drugs and raw materials.

Medical Art on Exhibition

The five paintings by Dean Cornwell, N. A., in the Wyeth group of pioneers of American medicine are on exhibition in the Enoch Pratt Library, Baltimore, April 23 to May 12. Particulars may be got from Wyeth Incorporated, 1600 Arch street, Philadelphia, or 1125 West North avenue, Baltimore.

Florasynth Laboratories, Inc., is erecting an addition to its warehouse in Los Angeles, Calif., to cost $4,500.

Sterling Places Hiebert In Charge of Stearns Div.

Dr. J. Mark Hiebert has been elected vice-president of Sterling Drug, Inc., New York, in charge of the Frederick Stearns & Co. division. Dr. Hiebert joined the Sterling concern in 1934 and was appointed divisional vice-president and general manager of the Stearns division a year ago.

BENZOL PRODUCTS COMPANY
237 SOUTH STREET, NEWARK, N. J.
MANUFACTURERS OF FINE CHEMICALS
Ethyl Cyanoacetate

Carey EST. 1873
MAGNESIA
OXIDES AND CARBONATES—LIGHT AND HEAVY FOR TECHNICAL AND DRUG USES
THE PHILIP CAREY MFG. CO., Cincinnati, Ohio
Branches in all principal cities
WM. S. GRAY & CO., Distributors, New York City

VITAMIN PRODUCTS
FISH LIVER OILS—CONCENTRATES
THE ATLANTIC COAST FISHERIES COMPANY
111 JOHN STREET, NEW YORK 7, N. Y.

BENZOIC ACID
U. S. P. & TECHNICAL
SEYDEL CHEMICAL COMPANY
Established 1904 JERSEY CITY 2, N. J. BErgen 3-7047

Barnett's
CAROTENE
POTENCIES UP TO 1,350,000 UNITS PER GRAM
Now used in the enrichment of flour, bread, milk, butter, cakes, soup, salad dressing, margarine, pastries and as a source of vitamin A in many pharmaceutical products.
BARNETT LABORATORIES, 6258 CHERRY AVENUE LONG BEACH 5, CALIF.

LAMON CHEMICAL CORPORATION
Executive OFFICES and PLANT:
494-498 HUNTS POINT AVE., BRONX 59, N. Y. DAyton 3-7030-31
• CACODYLATES
• NIKETHAMIDE N. N. R.
• ACETYL TANNIC ACID U.S.P.
• MAGNESIUM THIOSULFATE
MANUFACTURING CHEMISTS

MECCO Iodides
EXCEPTIONALLY PURE
Mecco POTASSIUM IODIDE
All forms and mixtures.
Mecco RESUBLIMED IODINE
U. S. P.
Produced by Deepwater Chemical Co., Ltd., from California Oil Well Brines.
Mefford
CHEMICAL CO.
Western Chemical Headquarters
1026 Santa Fe Ave., Los Angeles, Calif.

KETO
NIKETHAMIDE
Meeting all requirements of "New and Non-official Remedies 1944" and of the British Pharmacopoeia
PACKED IN BOTTLES OR CARBOYS
Prompt shipment from stock
KETO CHEMICAL CO., INC.
40-33—23 ST., LONG ISLAND CITY 1, N. Y.
Phone: IRonsides 6-2950

Opportunity for
PRODUCTION EXECUTIVE
Must know and be able to handle all manufacturing functions and details in constantly expanding specialty ethical pharmaceutical and chemical plant of old established company which is managed by young men. We want the best men available and expect to pay accordingly.
We also want another man for pharmaceutical research in product manufacture.
Acting for Client
ROBERT N. McMURRY & CO.
Personnel Management
332 S. Michigan Avenue
Chicago, Illinois

OPD—5-7-1945

GLYCERINE

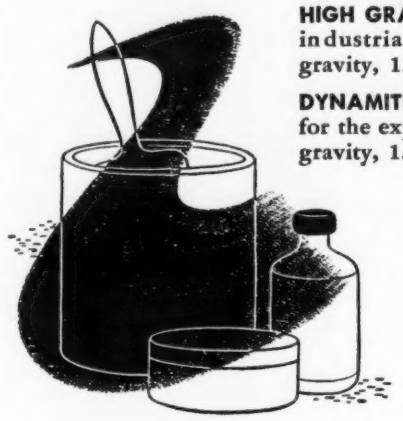
...quickly available

Armour's 332 stock points mean fast, dependable service

U. S. P. . . . A chemically-pure, water-white glycerine, meeting all requirements of the U. S. Pharmacopoeia . . . for use in foods, pharmaceuticals, cosmetics, or any purpose demanding highest quality. Specific gravity, 1.249–25° C./25° C.

HIGH GRAVITY...A pale yellow industrial glycerine. Specific gravity, 1.262–15.5° C./15.5° C.

DYNAMITE . . . made especially for the explosives trade. Specific gravity, 1.262–15.5° C./15.5° C.



ARMOUR AND COMPANY

1355 WEST 31ST STREET
CHICAGO 9 • ILLINOIS

ALKALOIDS

GLUCOSIDES — DRUG EXTRACTIVES

As in **WORLD WAR I**

Now in **WORLD WAR II**

ACONITINE
ARECOLINE
ASPIDOSPERMINE
ATROPINE
BERBERINE
CHRYSAROBIN
COLCHICINE
DIGITALIN
EPHEDRINE
ESERINE
HOMATROPINE
HYDRASTINE
HYOSCINE
HYOSCYAMINE
LOBELINE
PICROTOXIN
PILOCARPINE
SANGUINARINE
SPARTEINE
STROPHANTHIN
YOHIMBINE

YOHIMBINE HYDROCHLORIDE

So-called "Yohimbine" is highly important as an aphrodisiac in veterinary medicines.

This is just one of the many alkaloids that we have been manufacturing for the pharmaceutical trade for twenty-seven years.

We solicit your inquiries for spot or/contract delivery over six months period.

INLAND ALKALOID COMPANY

MANUFACTURING CHEMISTS

TIPTON INDIANA U.S.A.

PUROCAINE BRAND PRODUCTS

Procaine Hydrochloride USP XII

Procaine Base

Butyl-p-Aminobenzoate USP XII (Butesin)

Isobutyl-p-Aminobenzoate USP XII (Cycloform)

Ethyl Aminobenzoate USP XII (Benzocaine)

Epinephrine USP (Adrenalin)

Pentobarbital Sodium USP XII

PUROCAINE, INC.

Main Office: Packard Building, Philadelphia, Pa.
Sales Division: 90 West Street, New York, N. Y.
Phone. REctor 2-6109

Obituaries

J. Stuart Bates

J. Stuart Bates, vice-president in charge of sales and advertising since 1915 for Smith Brothers, Inc., cough drop manufacturers, Poughkeepsie, N. Y., died recently. He was sixty-nine years of age.

G. Edmond Diefenthaler

G. Edmond Diefenthaler, president of B. Fischer & Co., importer and packer, New York, died in his home in Chatham, N. J. recently. He was sixty-three years of age.

Mr. Diefenthaler entered the employ of B. Fischer & Co., forty-eight years ago and worked his way up from the bottom. He at one time was in charge of the spice department, and later on the rice department, becoming treasurer and then vice-president and treasurer of his company, and for the past twenty years president.

Charles Jundt

Charles Jundt, who founded Charles of the Ritz, cosmetic manufacturer, New York, died in Sag Harbor, L. I., April 23. He was sixty-four years of age.

A native of Alsace-Lorraine, Mr. Jundt came to New York in 1914. He worked for two years at a beauty salon and then opened his own salon in the Ritz-Carlton hotel. In 1935 he established a factory for the manufacture of Charles of the Ritz cosmetics. He retired in 1940. Surviving are his wife, a son and two daughters.

Dr. John A. McGrail

Dr. John A. McGrail, head of the department of chemistry at Providence College, whose research traced the Black Tom and Kingsland explosions in 1916 and 1917 to German espionage, died last week in Washington, D. C. He was on leave from the college as a lieutenant-colonel in the Army Signal Corps.

F. B. Pratt

Frederic Bayley Pratt, retired president of Pratt Institute, Brooklyn, and last surviving son of Charles Pratt, cofounder of the Standard Oil Company and founder of Pratt Institute, died in Glen Cove, L. I., May 3. He was eighty years of age.

Robert M. Sanford

Robert M. Sanford, manufacturing superintendent for Monsanto Chemical Company's plant at Monsanto, Ill., died of heart disease last week after a short illness. He was fifty-six years old.

Born at Defiance, Ohio, Mr. Sanford was educated at the University of Ohio, from which he received a B.S. degree in 1916, and at Ohio State University, where he obtained his master's degree in 1917. Entering Monsanto's service as a control chemist at the Monsanto, Ill., plant in 1917, Mr. Snford becme assistant supervisor of the glycerophosphate department at the company's St. Louis plant in 1919. He served as supervisor of the same department, 1921 to 1932, then returning to the Illinois plant as operating superintendent of phenol departments. He became manufacturing superintendent of organic departments in 1941.

Surviving are his wife, a daughter and a son.

Edward G. Weed

Edward G. Weed, executive vice-president of the Pyrene Manufacturing Company, maker of fire extinguishers, Newark, N. J., died at the Toronto offices of the Pyrene Manufacturing Company of Canada, Ltd., of which he was also president. He was sixty-nine years of age.

Before joining the Pyrene organization Mr. Weed was a sales executive with the National Carbon Company. In addition to being a director of the two Pyrene companies, Mr. Weed was a member of the board of the C-O-Two Fire Equipment Company of Newark, C-O-Two Fire Equipment of Canada, Ltd., and the Chemical Concentrates Corporation.

Surviving are a son and daughter.

William D. Bauer, an engineer with the Bayway Refinery of the Standard Oil Company, Linden, N. J., for twenty years, died May 1, in Hillside, N. J. He was forty-eight years of age.

Leo Bonnard, chief of the light leather section of the War Production Board, died in his home in Tacoma Park, Md. Previous to joining WPB Mr. Bonnard had been affiliated with the Lenape Trading Company, New York.

Dr. Archibald Henry Busby, former director of the X-ray department of the New York Hospital, died in New Canaan, Conn., April 25. He was sixty-eight years of age.

William G. Carroll, president of United Chemical Company, Dallas, Tex., died April 25.

Dr. Martin Henry Dawson, reputed to be the first in the United States to use penicillin in the treatment of a human, died in New York last week. He was forty-eight years of age.

Thomas B. Hall, a retired employee of the Standard Oil Company of New Jersey, died May 1 in East Orange, N. J.

Ralph L. Harding, former chief of the division of metals and minerals of the Department of Commerce, died April 24 in Cleveland, Ohio. He was sixty-two years of age.

Wilbur Hinchcliffe, former superintendent of printing for the Seabury & Johnson Pharmaceutical Company, East Orange, N. J., died last week. He was seventy-three years of age.

Moses H. Lyon, retired mining engineer, died in Roselle, N. J., April 24. He was ninety years old.

Mrs. Madeline Buckner Moffett, wife of George M. Moffett, chairman of the board of directors of the Corn Products Refining Company, New York, died in Queenstown, Md., May 3. She was fifty-seven years of age.

John W. Schaefer, manager of the Evansville, Ind., store of the Glidden Company, died recently.

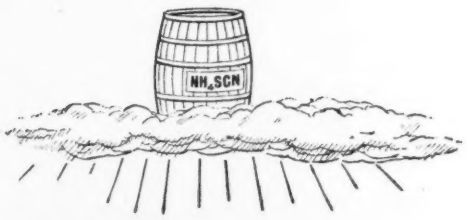
George R. Simpson, vice-president of C. G. Winans Company, wholesale paper, twine and salt dealer, Newark, died April 26. He was seventy-two years of age.

Mrs. Annie Gold Tow, head of the American White Cross Laboratory, New Rochelle, N. Y., died in Mount Vernon, N. Y., April 16. Surviving are four sons.

NUODEX
MILDEW-PROOFING AGENTS

Copper, Zinc and Mercury Naphthenates — meeting all Government specifications—available in various concentrated forms for use in solvents or emulsions. Write for samples and use information.

NUODEX PRODUCTS CO., INC.
ELIZABETH, N. J.
NUODEX PRODUCTS OF CANADA, LTD., LEASIDE, ONT.



Maybe you need

AMMONIUM THIOCYANATE

but do not know it

Experience has shown that no matter what uses have been developed for certain products, new uses never before dreamed of are eventually found by research men and chemists.

Perhaps YOU could use ammonium thiocyanate . . . if you only knew it. We are in a position to supply test samples, or to ship in commercial quantities.

Here are textile uses suggested:

1. To improve dyeing properties of rayon and other cellulosic fibres.
2. To improve softness and "handle" of animal and vegetable fibres.
3. To assist, as a curing agent, in producing synthetic resin finishes.
4. To act as a developer for dyes and as a "solvent" for printing pastes.

Can you find another use?

KOPPERS
The Industry that serves all industry
KOPPERS COMPANY, INC. · Pittsburgh 10, PA.
TAR AND CHEMICAL DIVISION

Textile and Leather Chemicals

Firm conditions continued to feature the leather and chemicals market during the week. Trading in most materials was moderate at unchanged and firm quotations.

Little improvement was noticeable in the tight supply situation in sizing materials. These materials were in limited supply and commanded an active consuming inquiry. The output of corn starch and dextrine continued to be curtailed by the scarcity of labor and the supply situation was aggravated by the large commitments of corn starch removed from the market for lend-lease, thereby reducing available quantities for civilian use. Production of potato starch was in progress in Maine from potatoes diverted from the government stockpile and while the output was estimated at about 800 tons, this total was far below consumers' needs. Tapioca flour arrivals from primary centers have been light to date, and have been consigned to consumers against former contracts. Advices from Brazil indicated that increased quantities of new crop material would be forthcoming in the next few weeks.

Consuming inquiry for tanstuffs was confined to wattle bark and quebracho during the week, while other types received only passing attention, as buyers were disposed to await further developments in the European hostilities which from all reports were drawing to a close.

New ceiling prices for imported tanstuffs were not announced at the close of the week, but were expected within the next few days.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
279.7	279.7	279.7	262.9

Chemicals

Acid Formic — Steady consuming demand noted for this material. Deliveries continued to be delayed by the shortage of carboys. Supplies were adequate to cover needs. Prices were well held.

Alumina Chloride — Trading was moderate, with sizable quantities moving against former orders. Market was firm.

Bichromates—Major portion of the output was going for military uses, while the allocation of tanning compounds to tanners were being substituted for soda bichromate. Request for delivery against contracts continued heavy. Prices were maintained at ceilings.

Soda Hydrosulphite — Consumers taking fair-sized quantities on previous orders. New business was moderate in volume and the market was firm and unchanged.

Sulphur Dioxide — Consuming demand continued active, though deliveries were delayed by the scarcity of cylinders. Prices were unchanged and steady.

Sulphonated Oils—Continued in excellent request. Supplies were light owing to the scarcity of castor, and neatsfoot oils and tallow. Quotations were well maintained.

Dyestuffs

Annatto—Owing to light supplies on the spot, the market remains firm. Trading was quiet. Quotations were steady.

Cochineal—Small lots were in fair request. Supplies were light and the market reflected the high cost of replacements.

Madder—Activity was confined to moderate quantities for prompt delivery. Former quotations were firm.

Sizing Materials

Albumen Blood — Market remains firm under a good demand for prompt and nearby needs, which absorbed the bulk of production. Dried soluble blood also in active request.

Albumen Egg — Reduced output continued to restrict business. Consuming inquiry was active, but offerings were light. Market was firm at ceilings which were continued at the same levels prevailing in April. Output of egg albumen during March showed a decline of about 42 percent as compared with the same month last year, totaling 159,000 pounds against 277,000 pounds for March, 1944. Dried egg production in March totaled 17,845,000 pounds compared with 31,982,000 pounds in March last year. Production consisted of 16,608,000 pounds of whole egg, 159,000 pounds of albumen and 1,078,000 pounds of yolk. The quantity of egg dried during the first three months of 1945 totaled 47,171,000 pounds compared with 79,584,000 pounds during the same period last year—a decrease of 41 percent, according to the Department of Agriculture. Purchases of 15,673,696 pounds at the cost of $17,649,860 were made by the War Food Administration during the month of March for lend-lease.

Egg Yolk—Production of egg yolk during March totaled 1,078,000 pounds as compared with 1,408,000 pounds for the same month last year, according to the Department of Agriculture. Although inquiry was excellent, trading was restricted owing to the smaller production so far this season. Price ceilings continued during May and were firmly maintained.

Starch, Corn—Tight supply situation continued to affect deliveries which were from four to six weeks behind schedules. Demand continued active. Manufacturers were receiving sufficient corn, but the production has been reduced by the scarcity of labor. Heavy demand for lend-lease also has cut the available stocks for civilian use. Visible corn supply decreased 862,000 bushels, totaling 16,681,000 bushels for the week ended April 28, comparing with 8,180,000 bushels a year ago. War Food Administration purchased 8,435,780 pounds of corn starch at the cost of $342,502 during the month of March for lend-lease.

Starch, Potato—Supplies were still scarce and the market more or less nominal. Production of potato starch in Maine is in progress on potatoes diverted from the government stockpile and it was estimated that the output would total about 800 tons. Consuming inquiry was keen.

Tapioca Flour—Arrivals were noted from Brazil totaling 1,000 bags and larger receipts were expected in the near future with the increased movement from Brazil and San Domingo. Offerings for shipment were limited and the market was firm at ceilings.

Tanning Materials

Divi-Divi — Although trading was light and spasmodic, sellers at producing centers were said to be more inclined to accept buyers' bids for prompt and nearby shipment. Market was firm at former quotations.

Mangrove Bark—Advices from primary points report the market firm for shipment. Offerings continued limited though consumers were manifesting less interest than for some time past. Replacements arriving recently have bolstered inventories to some extent. Prices were unchanged and firm.

Myrobalans—Increased offerings for shipment combined with recent heavy arrivals resulted in the withdrawal of buying interest and created an easier tone in this market. Sellers, however, were naming former quotations.

Quebracho—An active demand featured this market. Offerings were not plentiful for shipment, but a moderate volume of business was reported for prompt and nearby shipment at ceilings from producing points. The situation created by low water in the River Plate, which caused the delay in deliveries, has been relieved.

Tara Powder—Trading quiet. Recent replacements evidently have satisfied current needs. Prices unchanged.

Wattle Bark—Tanners were showing an active inquiry for bark and extract replacements. Available supplies at primary markets were reported at low ebb and offerings continued light. Market continued firm at former levels.

For Current prices see alphabetical listing beginning on page 9.

ALBUMENS

SPECIFY "GARTENBERG"

. . . always Uniform

. . always Dependable

★ THE LARGEST MANUFACTURERS AND EXPORTERS OF TECHNICAL EGG PRODUCTS OFFER YOU DOMESTIC ALBUMENS AND EGGS, LIQUID OR DRIED, IN ANY FORM FOR EVERY INDUSTRIAL USE.

Write for Samples and Quotations

★ ★ SPEED VICTORY—BUY WAR BONDS ★ ★

H. GARTENBERG & CO., Inc.

Largest Manufacturers of Technical Egg Products

412 W. Pershing Road Chicago, Illinois

Cable Address: "GARTEGG"

OPD—5-7-1945 61

Natural Products Refining Co.
910 Garfield Avenue
Jersey City, N. J.

Natural BICHROMATES

DRY COLORS—DYESTUFFS

IMPORT EXPORT

FEZANDIE & SPERRLÉ, 205 Fulton St., NEW YORK 7

Telephones: COrtlandt 7-1460-1461 Cable Address "Fezan", N. Y.

ALUMINUM CHLORIDE

ANHYDROUS

PHOSGENE

(CARBONYL CHLORIDE)

NIAGARA CHLORINE PRODUCTS CO.

LOCKPORT, NEW YORK

Mutual BICHROMATES

BICHROMATE OF POTASH

BICHROMATE OF SODA

CHROMIC ACID

1845-1945 100 YEARS OF CHROMIUM CHEMICAL PROGRESS

MUTUAL CHEMICAL COMPANY OF AMERICA

270 MADISON AVENUE NEW YORK 16, N.Y.

A NEW COLLECTING SEASON —BUT THE GATHERERS ARE FEW

The gathering of American crude drugs faces more difficulties this year than ever before in the history of the botanical drug business. Men, women and young folks who would normally devote the summer to the gathering of herbs, barks, roots and similar botanical material are now engaged in other work made necessary or more profitable by wartime conditions. Transportation is hampered, and labor for processing is scarce.

But the gathering will go on **. . . In lesser quantities, perhaps, and with consequent need for long-range planning. The manufacturer who estimates his requirements for basic materials, and enters his order for new crop drugs now, at the beginning of the collecting season, will be most assured of the items requisite for early Fall production.**

White Pine Bark, Wild Cherry Bark, Balm of Gilead, Spikenard, Bloodroot, Sassafras and hundreds of other crude drugs are being booked at this time for future delivery . . . Your inquiries and orders are invited.

S. B. PENICK & COMPANY

50 Church Street, New York 7, N. Y. • Telephone: COrtlandt 7-1970
735 W. Division Street, Chicago 10, Ill. • Telephone: MOHawk 5651

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

BUY WAR BONDS AND STAMPS . . . FOR VICTORY

Botanical Drugs, Spices, Gums

The end of the European war begun by Germany in September, 1939, but awaits the official surrender of Germans by some German whom the United Nations believe has the power to make the surrender effective. Last week, liberation of all botanical drug areas appeared to be certain when 1,000,000 German troops were surrendered in North Italy and in Austria. Prague, the Czechoslovak capitol, with all that country, needs but be plucked by the victorious armies.

The European situation brought further crumbling of former German might. In the not far distant future, all botanical drug markets in Europe will be controlled by the United Nations. Capture of Fiume and Trieste on the Adriatic sea will open the export points through which much of the central European botanical drugs moved on export account. All of Yugoslavia and Czechoslovakia is due for liberation; much of it has been already. Contact with Hungarian botanical drug factors is likely to be resumed. All events are moving toward a return of botanical drug exports. It remains to be seen if any drugs will be available for export.

The international aspect of the market was affected by the decision to reestablish private export trade between the United States and French North Africa as of July 1. This should mean a loosening of conditions governing in the importation of products from that area and signs of that eventuation were not lacking last week.

Scarcity of henbane leaves kept prices advancing last week but Hungarian type chamomile flowers and Morocco fenugreek seed moved in favor of buyers. Pronounced scarcity of caraway and coriander seeds prevailed. Heavy export request cleaned spot stocks of Mexican anise and put quotations on a future basis. California leucophylla sage was cheaper and Cyprus material was shaded. Competition in bleached Cochin ginger root brought a very sharp price drop and a moderate one in the unbleached root. Such were outstanding price developments in the market for botanical drugs and condimental botanicals last week.

Balsams

Copaiba—Definitely firm under a continued demand built of fairly substantial if usually jobbing orders.

Fir—Canadian balsam very firm on spot and subject to very little competition at this time. In fact, sellers show some reserve. Oregon balsam reported to be moving moderately.

Barks

Canella Alba—Not well supplied on spot and reported very firm in a market totally lacking the element of keen competition.

Cocillana—Not a great deal is being carried over but some quarters intimated that they hold more now than they did a year ago..

Cramp—Collection of strictly N. F. quality material seems likely to lag. At least, nothing at this time suggests that attempts to get out a fair-sized collection is making satisfactory progress.

Orange Peel—Dealers here look forward to an early time when they once more will be able to import the kinds of orange peel obtained in the Mediterranean basin. Haitian peel has been subbing in this market for some time past.

Beans

Tonka — Moderate quantities are added to spot stocks from time to time, a recent addition being 40 packages noted as cumara beans. The spot market prices hold very steady and demand last week was reported to be good.

Vanilla—It may be that as the result of certain meetings said to have been held recently in the primary market for Bourbon beans, ways and means for a more satisfactory forwarding of beans to this market may come into being. The supply situation on spot was very tight last week, stocks of Bourbon and Mexican beans being comparatively low. Prices held strong.

Berries

Hawthorn—The turn of events in Europe may mean that replenishment of spot stocks may be possible on a far more liberal basis than for the past three years. At this time, there is mighty little unsold stock on this market.

Fish—The outlook for restocking to an extent making supplies normal in size on spot is not very good. A tight situation seems likely to continue for some time to come.

Flowers

Calendula—With European events at a climax, the domestic cultivation of the article is bound to feel severe foreign competition.

Chamomile — Hungarian type was shaded to 42c. to 43c. per pound under competition last week. Also, with the heartening turn of the war in Europe, it becomes more nearly possible to expect shipments from the European primary market without straining probability too greatly.

Lavender—The understanding here at this time is that there are practically no warehoused stocks in France even were it possible now to get steamer space for exports to this country.

Saffron—No further developments in prices on Spanish flowers came last week. The local price position was firm and shippers in Spain showed no tendency to reduce their views. There are even some who think prices will not drop to the prewar level of $25 to $30.

Gums

Arabic—Stocks of large size are held on spot and the market is rendered highly unstable by competitive influences that establish prices at times said to be remote from sound merchandizing practice.

Tragacanth—Those who have imported this gum for many years declare that ribbon gum is fairly priced at $4 per pound or possibly a thin shadow under that level. Distressed offerings at times scalp the $4 figure.

Herbs and Leaves

Belladonna—Quoted no lower most of the time but subject to conditions that make it probable that transactions at less than 72c. per pound could be a fact.

Henbane—Higher in price as stocks are pinched and the trade awaits replenishing small stocks now current with new crop goods which are expected to be bought at prices likely to bringing about lower levels for transactions with consumers at some later date.

Sage—Some California leucophylla was offered by New York houses at 30c. to 32c. per pound, Pacific coast. Good quality Cyprus material was

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

Drugs

Henbane leaves, 15c. per lb.

Other Articles

Anise, Mexican, 1½c. per lb.
Caraway seed, California, 2c. per lb.
Canadian, 2c. per lb.
Coriander seed, Argentine, ¼c. per lb.

Prices Reduced

Drugs

Chamomile flowers, Hungarian, 3c. per lb.
Fenugreek seed, Morocco, 1¼c. per lb.

Other Articles

Ginger root, Cochin, bleached, 5½c. per lb.
unbleached, ½c. per lb.
Sage, Calif., leucophylla, 2c. per lb.
Cyprus, good, ½c. per lb.
fair, ½c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
232.4	231.5	236.5	262.2

CHECK YOUR NEEDS
OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

OPD—5-7-1945 63

We Offer for Prompt Delivery
From Our New York City Warehouses

POWDERED ASAFOETIDA
POWDERED ALOES USP CURACAO
POWDERED ALOES USP SOCOTRINE
POWDERED CAPE ALOES USP
POWDERED SOAP
POWDERED COLOMBO ROOT
POWDERED DRAGON'S BLOOD
POWDERED ELM BARK
POWDERED ELECAMPANE
POWDERED FENNEL SEED
POWDERED FOENUGREEK
POWDERED GENTIAN
POWDERED GINGER, ALL KINDS
POWDERED PYRETHRUM

J. L. HOPKINS & CO.
IMPORTERS, MILLERS AND MANUFACTURERS OF PROFESSIONALLY MILLED, ANALYZED CRUDE DRUGS
220 BROADWAY • NEW YORK
Boston Philadelphia San Francisco Los Angeles Memphis

It's Easier to STANDARDIZE When you STABILIZE...
with KELCO ALGIN

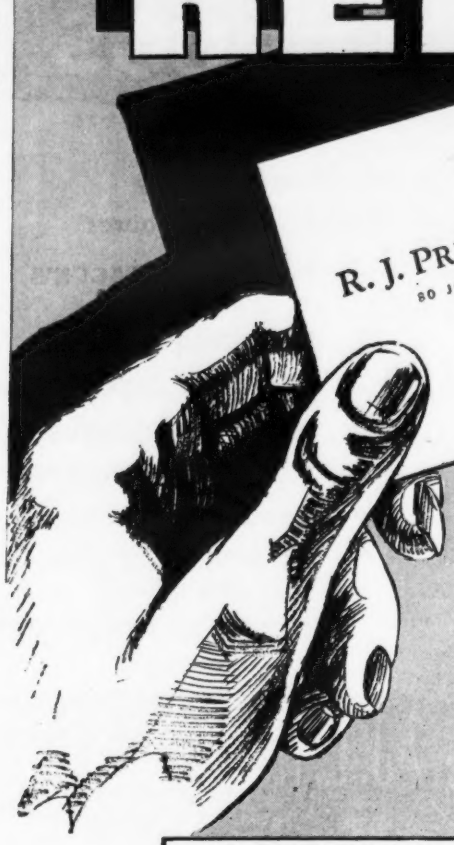
Why does KELCO ALGIN never vary? Because it is manufactured to definite standards, scrupulously supervised. Once it is correctly adapted to your formula —as STABILIZER, SUSPENDING AGENT, BODYING AGENT or HYDROPHILIC COLLOID—you can positively rely on it for absolute uniformity. Unlike other nature products which may vary with their changing conditions of growth or environment, KELCO ALGIN is a seaplant derivative that can be and is controlled and confined to the definite standards set up for any particular use.

KELCO ALGIN is therefore highly effective and reliably uniform in all its many food, pharmaceutical and industrial applications. Why not investigate its possibilities for improving both the processing and marketability of your product? Our Technical Dept. will gladly cooperate with you—no obligation—in finding the right answers. Simply write us your intended use and the pH range.

KELCO REFINED ALGIN PRODUCTS

KELCO COMPANY
75 E. Wacker Drive CHICAGO-1
31 Nassau Street NEW YORK-5
530 W. Sixth Street LOS ANGELES-14

RED SQUILL



STANDARDIZED ACTIVATED FORTIFIED EFFECTIVE

Prentiss can meet your requirements for this non-poisonous raticide with standardized killing power. Prentiss fortified Red Squill Powder is a specific poison to rodents and is relatively non-poisonous to human beings, domestic animals, and pets. It may be used with safety about places where foods are prepared and stored.

Prentiss' Fortified Red Squill Powder is Activated and Standardized to meet the recommendations of the Fish and Wildlife Service for a Minimum Lethal Dose of 500/600 mg/Kg of rat.

R. J. PRENTISS & CO., INC. 80 JOHN ST., NEW YORK 7, N.Y. • 9 SO. CLINTON ST., CHICAGO 6, ILL.

lower at 17½c. to 18c., and fair quality was down to 15c. to 15½c.

Senna—T.V. senna tended toward firmer position and some quarters talked of prices at fractionally higher levels last week.

Miscellaneous

Balm of Gilead—The outlook does not favor a sharp drop in new crop prices but dealers for the most part do expect that spot quotations will be maintained in fairly stable position.

Ergot—Excellent stocks of this article remain unsold on spot but the goods in hand are fairly old and may eventually encounter competition from new crop Spanish, Portuguese, Polish and Russian material.

Roots

Blood—Hard to get locally at this time. Everything now depends on success crowning the strong attempts being made by dealers to get workers into the fields in the interest of a good sized collection this year.

Belladonna—The price for root has not declined parallel with the drop in quotations on leaves. It is a two-year crop and that counts against weakening of the price structure now.

Pink—Unless collection this year far exceeds that of 1944, lower prices for the consumers are not a reasonable expectation. The holdover supply is negligible.

Rhubarb—In good supply on spot and selling in routine fashion at fairly steady prices.

Valerian—There are those who are far from certain that the end of war in Europe and the liberation of Belgium will result in a resumption of Belgian exports at an early date.

Seeds

Anise—A heavy export demand for Mexican seed cleared the spot of most stocks and placed most prices on a future delivery basis of 18c. to 18½c. per pound.

Caraway — Former importers of Dutch seed are wondering whether reduction of the dikes in Holland and the flooding of farm lands with salt water involved land formerly devoted to caraway seed cultivation. Local quotations on Canadian and Californian went to the nominal basis of 95c. per pound. And Syrian dewhiskered seed became strictly nominal.

Cardamom — Decorticated material was slightly lower at 65c. to 66c. per pound.

Coriander—The main trouble now is to get goods already bought in Argentina shipped to this country. Spot quotations on the little available were higher at 12½c. to 13c. per pound.

Fenugreek—Futures from Morocco declined further, reaching the new low level of 8¼c. to 8¾c. per pound.

Poppy—All varieties were declared to be unobtainable on spot. There seems to be a possibility that Dutch farm lands formerly producing car-

—Continued on page 70

Finkensieper Returns To Peek & Velsor

William S. Finkensieper, formerly connected with Peek & Velsor, Inc., New York, has returned to that company in the capacity of technical director. Early in the war, Mr. Finkensieper joined the United States Navy and has received an honorable discharge. His duties will make him a consultant on technical problems arising in the drug, chemical, perfume, and allied industries.

French Co. Officers Elected

John D. Crockcroft has been elected president of R. T. French Company, manufacturer of food and household products, New York, and William R. Knott has been named president of Atlantic Sales Corporation, marketing affiliate of the French concern. They succeed Daniel Burke, former president of both companies, who was recently elected chairman of the board.

Prentiss Buys N. J. Buildings

R. J. Prentiss & Co., botanicals and chemicals, New York, has bought a group of one and two-story buildings on a tract of about five acres on Doremus avenue, Newark. The company will operate these facilities, in addition to its present plant in Brooklyn.

PEEK AND VELSOR INCORPORATED 110 WILLIAM ST. NEW YORK 7

Established 1840

CRUDE DRUGS

Herr Wurfbain's Herbation Guests Were

Stout Trenchermen

To gather botanical specimens by day and to banquet heartily on returning from the fields—that pleasant 17th century custom made the wine merchant and provisioner of Nuremberg indispensable to the host at "Herbations".

The caterer was Christoph Zinnerer and his May 28, 1698 bill to Herr Wurfbain, host to 19 at an "Herbation", shows that drug collectors were also stout trenchermen.

Zinnerer's bill in 50c Florins was in the Archives of the Nuremberg College of Pharmacy, probably reduced to rubble by American arms.

2 dishes, stew	3.20
2 meat pies, 12 chickens, veal	7.40
2 dishes, 3 sour tongues	1.48
1 dish, 8 lbs. fish	2.40
1 dish, 6 geese	3.36
2 dishes, 12 chickens	4.48
1 dish, 12 rabbits, 10 wild ducks	4.14
2 dishes, 26 cheese cakes	1.12
2 dishes, lobsters	1.44
2 dishes, hop balls	1.36
1 Westphalian ham	2.00
Collation	3.00
Wheat and rye bread	.46
1 barrel wine, 1 pail	24.48
waiter	.45
2 dishes of asparagus	1.44
6 plates of radish	.24

No! We are not provision merchants. We sell botanical drugs in a day of food shortage and badly stretched red ration points.

WAREHOUSE AND MILLS

JERSEY CITY **NEW JERSEY**

Essential Oils, Other Aromatics

The turn of events in the European war could do nothing less than cause importers eagerly to look forward to the reestablishment of import trade from many centers. With German military power dissipated; with all of Italy surrendered to the United Nations; with practically all Austria in the same position; with virtually every European market formerly shipping oils relieved from the German yoke; with an export trade scheme with French North Africa to become effective July 1; and with French merchants once more reaching their American principals—with all these things a *fait accompli*, resurrection of trade is a matter of a steadily decreasing period of time.

Of course, manufacturing consumers in this country know this full well and, hence, to a considerable extent they are now disposed to conserve purchases with an eye to the main chance of getting new goods at possibly lower prices later on. Dealers, however, are not generally of the belief that foreign prices will be resumed at anything like "bargain" position. Costs to produce will run high abroad.

Goods purchased will be paid for in French francs upon which the State department has set an arbitrary and very high value in American money. Ceilings in this country allow little chance for possible advances abroad. If ceilings were removed, it might well be that stocks now exhausted would be replaced with alacrity not now thought possible so long as values here are controlled by the Office of Price Administration.

Market Trends

Prices Advanced

Geranium, Algerian, $2 per lb.
Bourbon, $1 per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
226.4	223.8	217.2	265.8

Essential Oils

Anise—Demand for substitutes continued excellent, and volume compared well with that recently current. Little call for the limited supply of Russian offered in the nearby past. The market is virtually nominal in that respect.

Bay—Small quantities were in fair request. Undertones showed substantial firmness, and conditions at the sources of supply fail to suggest any probable weaknesses in values to come.

Bergamot—The market was virtually bare of spot delivery Italian oil. So far as learned, none of the lots expected to come here through the efforts of the government has arrived. Prices were entirely nominal on the Italian article. There was not much call for the Brazilian oil.

Bois de Rose—Well-informed quarters indicated that the last of the unsold lots on the open market has disappeared, leaving a nominal position. Furthermore, none is definitely known to be coming from Brazil, where shippers fail in providing shipment material. Brokers combed the market vainly last week.

Cade—Some material is understood to be due to reach this market during the next bimonthly period. Meanwhile, moderate stocks occupy a quite steady position.

Cananga—A strong market prevailed so far as prices were concerned, but it was far from certain that those quoting actually had goods in hand. The material was comparatively scarce, and quotations made required confirmation in the forms of actual sales.

Caraway—A good jobbing demand prevailed for this rather scarce oil. Furthermore, those concerned with the importation of raw material are unable to offer anything on spot or with certainty in forward delivery position.

Cardamom—Firm in prices but in jobbing request for the most part. Those with goods actually in hand had very firm price views.

Cedarleaf—Quiet at the moment. Stocks carried over are limited, and the forward outlook is not especially bright, since controlled prices do not always have a stimulating effect on some producers.

Celery—The raw material market has lapsed into a definitely quiet position. Prices for oil have been left in rather dull position, but the supply of oil seemed sufficient for current requirements. Undertones were steady.

Citronella—There will be eager buyers awaiting the time when orders for Java oil can be placed in the primary market. Meanwhile, moderate quantities of Ceylon oil find steady buyers at equally steady, if not definitely firm, prices.

Clove—Demand was excellent, being more than sellers could oftentimes fill on a prompt delivery basis. Conditions abroad suggested that import of foreign made oil may become easier. Domestic production was not much ahead of wants of buyers.

Cubeb—Replenishment of this oil awaits the ability of producers to secure further supplies of raw material. War events in the Far East point to the slow approach of that time.

Cumin—Stocks remained aloof from the spot and dealers know not when they again will be able to make prompt delivery proposals. Very little seed comes here for possible local distillation.

Dill—Weed oil was in very fair request. Stocks unsold are also fair in size, despite the fairly substantial coverage of the forward requirements of the leading consumers.

Eucalyptus—The situation remained very tight. Needs ranged high and stocks dropped even lower. In most respects, the market might be called nominal.

Fennel—It was reported that some former suppliers were laying plans now for the eventual restoration of fair offerings of sweet fennel oil.

Geranium—Prices were higher around $14 or $15 per pound, but in most respects they were nominal quotations because there is a deal of uncertainty concerning the ability of dealers liberally to replace through primary market purchases. Some steps in that direction continue to be taken, but with uncertain success.

Lavender—The next event in this market will be the arrival of flower oil already bought in France and awaiting transport to this country. It is believed that the price problem will be ironed out and that at least needy perfumers once more will be able to cover a limited part of their large needs.

Lemon—Scarcity for civilians is so common that the pending arrival of Italian oil whets the appetite and will be welcomed even though civilian use of the material to come is supposed definitely to be destined only for use in military products.

Lemongrass—Requirements were said to be covered fairly so far as most manufacturing consumers are concerned. Dealers hold moderate supplies for very firm prices.

Nutmeg—Until distillers can buy ample quantities of distillation nutmegs, stocks of oil are bound to continue so small that demand for substitutes will continue at its present comparatively high rate.

Orange—Very firm. Although there continues to be talk about Italian oil reappearing in quantity on spot, it is quite like the weather—no one does anything about it. But European events point toward the probably not distant time of actual arrivals.

Patchouli—This is another Far Eastern oil to the renewal of imports of which dealers look forward with increasing desire and eagerness. The present spot market remains nominal.

Pennyroyal—Very little is available on spot and any quotations would be almost certain to be nominal. Little was made here last year and little has been imported.

Peppermint—The held over stock here and in the primary market will not be substantial—particularly on spot. A crop of good size is needed and dealers hope that the acreage will be increased to offset possible reductions in yield per acre when the crop is distilled next August.

Rosemary—Reasonably steady as to spot prices but not called for in substantial quantities last week. Prices

For Current prices see alphabetical listing beginning on page 9.

The Fragrance of Genuine, Old-Fashioned Lavender
Reproduced in the MM&R Laboratories

IMITATION LAVENDER OIL
No. 30 MM&R

A product so lavender-like in character, it has won the broadest acceptance on its rare excellence.
It may be used as a replacement for Oil Lavender Flowers USP except in official preparations.
Also available in officially approved denaturing grade for denaturing alcohol. Testing sample on request.

MAGNUS, MABEE & REYNARD, INC.
SINCE 1894 ONE OF THE WORLD'S GREATEST SUPPLIERS OF ESSENTIAL OILS
16 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LASALLE STREET, CHICAGO
Los Angeles: BRAUN CORPORATION — San Francisco: BRAUN-KNECHT-HEIMANN CO.
Seattle, Portland, Spokane: VAN WATERS & ROGERS — Toronto: RICHARDSON AGENCIES, LTD.

Today's Specials—
RESIN LABDANUM
RESIN OLIBANUM
RESIN OPOPONAX
RESIN STYRAX
GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK 13, N. Y.
Branches: Chicago, San Francisco, Montreal • *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
IMPORT ESSENTIAL OILS EXPORT
162-164 Front Street — Established 1896 — New York 7, N. Y.

CHICAGO DALLAS DENVER NEW ORLEANS SAN FRANCISCO SEATTLE
SUPREME AROMATICS
ESSENTIAL—FLAVORING—PERFUME
OILS
LOS ANGELES MONTREAL TORONTO VANCOUVER WINNIPEG MEXICO CITY
FLORASYNTH LABORATORIES INC.
1533 OLMSTEAD AVE. NEW YORK, N. Y.

ESSENTIAL OILS
P. R. DREYER INC.
119 WEST 19th STREET
NEW YORK, N. Y.
AROMATICS
IMITATION
OIL SPEARMINT
for products where U.S.P. standards are not required
Write for Sample

NOW YOU CAN ORDER
OIL of DILL!
New crop oil is on hand, prices are right and quality is excellent. Insure your needs for the coming season by placing your orders for
F.B. OIL OF DILL WEED
... NOW!

FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK 11, N.Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEISSANS (VAR) FRANCE

revealed a considerable factor of stability.

Aromatic Chemicals

Hydroxycitronellal — Most dealers offer nothing. Producers have a market for each pound produced. Relief awaits the greater availability of raw material.

Linalool—Not in exceptional supply and tending to reach a tighter position because of the limited availability of raw material. Some dealers fail to quote at all.

Menthol—Spot quotations on Brazilian material were reduced to $9.75 to $10 per pound, bringing the local market into line with values established by the minimum price floor of $19.50 per kilo prevailing in Brazil.

Methyl Salicylate—Production taken promptly and in full measure. Yet all pressing needs seem to be well covered and essential users have a well stabilized market in which to trade.

Rhodinol—New production is reported to have entered the market but the price is hardly competitive and fails to disturb the generally firm situation.

Fair-Trade Law Data Sought

The American Fair Trade Council is endeavoring to compile a comprehensive list of manufacturers that market their products under contracts in accordance with State fair-trade laws. These statutes do not require any registration, so the desired information is not at hand. The council desires also to compile a list of the trade-names of products under fair-trade law contracts.

Manufacturers are asked to send such information to the council at 11 West Forty-second street, New York 18. Those who assist in the compilation will be given copies of the completed list.

Barcan in New Quarters

Irving Barcan Company, dealer in used machinery and equipment, recently moved to 50 Church street. The telephone number remains COrtlandt 7-2195. They were formerly at 30 Church street.

Farm Engineers' Head

J. D. Long, chief of the research department of the Douglas Fir Plywood Association, was recently elected president of the Society of Agricultural Engineers.

Hines Gets duPont Cellophane Div. Post

Thomas L. Hines, general assistant manager of the Cellophane Division has been appointed manager. He succeeds John E. Hatt, who died of a heart attack last week. A native of Chestertown, Md., Mr. Hines studied engineering at Maryland State College, now University of Maryland. He has been with the du Pont company since November 1, 1915.

Chilson Opens Consultant Office in Scarsdale, N.Y.

Francis Chilson, industrial consultant, will open an office in the Harwood building, Scarsdale, N. Y. Main offices are at 101 West Thirty-first street, New York, and field offices are located in Pittsburgh, Pa., and Chattanooga, Tenn.

OIL of PEPPERMINT
OIL of SPEARMINT
Of the Choicest Quality
☆
A. M. TODD COMPANY
KALAMAZOO, MICHIGAN

schimmel for
perfume and flavor raw materials and specialties for the entire industry
SCHIMMEL & CO., INC.
601 West 26th Street, New York 1, N. Y.

PERFUME OILS OF DISTINCTION
VAN AMERINGEN-HAEBLER, INC.
315 FOURTH AVENUE • NEW YORK, N. Y.
AROMATIC CHEMICALS FOR EVERY PURPOSE

FOR BUTTER TYPE FLAVORS:
Diacetyl Acetyl Propionyl
Acetylmethylcarbinol (Acetoin)
FAIRMOUNT CHEMICAL CO., INC., 600 Ferry St., Newark 5, N. J.

"THERE IS NO FINER"
The impressive demand for KEY BRAND OIL OF ORANGE, by many of the country's leading users of Orange Oil, is positive proof of its finer flavor, uniform quality and genuine economy. Write us for samples and information regarding spot and contract deliveries.
KEY BRAND Oil of Orange
FELTON Quality
BRANCHES IN PRINCIPAL CITIES
FELTON CHEMICAL CO. Inc.
599 JOHNSON AVENUE, BROOKLYN, N. Y.
Manufacturers of Flavors, Essential Oils, Aromatic Chemicals and Perfumes

Tombarel
BASIC PERFUME MATERIALS
NATURAL FLOWER ESSENCES
ESSENTIAL OILS • AROMATIC CHEMICALS
Special Perfume Creations for all Purposes
TOMBAREL PRODUCTS CORP. 12 EAST 22nd STREET NEW YORK 10, N. Y.

Centflor Manufacturing Company
6 Varick St., New York 13, N.Y.
Telephone: WAlker 5-6193
AROMATIC CHEMICALS
ESSENTIAL OILS • PERFUME COMPOUNDS • PERFUME BASES
Jasmin — Opoponax — Rose
Samples on request

Petroleum Derivatives

Civilian consumers of petroleum chemicals, especially those perpetually in the market for petroleum solvents, liquefied gases, kerosene, fuel oils and waxes, have become reconciled to the prospect of little, if any, notable improvement in the supplies of these petroleum derivatives available to them as long as military requirements continue at their present high levels; in other words, for a long time to come, at least until a cessation of attacking and fighting operations in the air and on the sea marks the complete ending of the global war.

For it is now generally realized that, even after the ending of the European conflict, the needs of our air armada will continue to absorb the bulk of the butane, propane and other light hydrocarbons used in building up natural gasoline to the high-octane levels called for in the production of aviation gasoline while our titanic fleets of warships and jet-propelled planes will require the bulk of the output of fuel oil, kerosene type jet fuel and lubricating oils as long as the war in the Pacific keeps up. Hence, aside from a possible 50 percent increase in the amount of civilian type gasoline, which PAW and OPA have promised to ration out to civilian drivers of motor vehicles as rapidly as it can be made available, the outlook holds little in store in the way of more liberal allotments of any of most greatly needed petroleum derivatives to non-military users after V-E Day. But, inasmuch as these consumers have been conditioned to endure the unabated pinch in their supplies, there will be no undue hardship for them in foregoing the pleasure of the once-confidently-expected easing of the situation following the ending of the war in Europe.

Solvents and Diluents

Aromatic Solvents—With the recent waning of civilian buying operations, processors of these high-solvency aromatic naphthas are finding their allotment of xylol proving sufficient to enable them to turn out enough of the Class B types to meet all current demands while also providing enough of this basic material for the undiminished military requirements in the Class A group. Prices continue well maintained throughout the lists of both classes and their blends.

Cleaners' Naphtha—Still moving in sizable volume into military and civilian channels. Market strong.

Lacquer Diluent—Buying interest continues keen in this material, with the greater part of the available supply being taken up by those engaged in war production work, but with civilian takings also well represented.

Mineral Spirit—Extensive purchasing of this solvent is still being recorded. Tone firm.

Rubber Solvent—Synthetic rubber manufacturers continue to absorb virtually all offerings and even the current output.(Prices strongly held.

Stoddard Solvent—In undiminished demand on both military and civilian accounts. Market steady.

V. M. & P. Naphtha—Although the paint and varnish makers engaged in war production work continue to take the major portion of current offerings, fair-sized quota is also being procured by civilian interests.

Markets at Other Centers

Chicago, May 4.—Orders for most of the petroleum solvents and diluents from various consuming industries continue in good volume in this area. The paint industry is still taking considerable material in these lines and, in particular, the demand for rubber solvent continues to expand.

Los Angeles, May 4.—Interest in petroleum solvents has continued broad on the Pacific coast. Calls from the paint trade for thinners has been as strong as ever. Active calls are also being received for lacquer diluents.

Lighter Fractions

Butane—Calls currently made upon this liquefied petroleum gas for the fortifying of gasoline to high-octane levels and for the production of synthetic rubber on a gigantic scale are utilizing all but a small percentage of the current output, leaving little for home cooking and heating in the Southwest or for private industrial uses. And, as there isn't any prospect for a waning of the military demands for this lighter hydrocarbon after V-E Day, the supply situation, in so far as it affects non-military consumers, is expected to continue very tight for an indefinite period—at least until the ending of the war in the Pacific.

Heptane—Moving in steadily mounting volume into consuming channels. Market firm.

Hexane—Continues in brisk demand. Tone strong.

Octanes—Buying interest keeps increasing in this gas. Prices well maintained throughout the list.

Pentanes—Still in brisk request and being taken in large quantities on military account.

Propane—The supply situation and other market conditions in this gas continue identical with those prevailing in butane.

Petrolatums and Waxes

Microcrystalline Waxes—Under the leadership of the standard process types, a steadily mounting movement of these waxes continues to be recorded.

Paraffin—With crude scale flowing in an ever-increasing stream into lend-lease channels and into the plants of chlorinators and other processors of wax packagings engaged in making wrappings for war materials, the open market supply of the crude material is being kept down to meager proportions and hence stocks of refined wax are approaching the vanishing point.

Petrolatums — U.S.P., veterinarian and technical grades of petroleum jelly continue moving into consuming channels in fair volume, with prices generally well maintained.

White Mineral Oils—A moderate demand continues to be noted for these oils. Leading producers continue to adhere strictly to their price schedules, but there is still occasional price shading by suppliers overstocked in some lines.

Fuels and Lubricants

Crude Petroleum — PAW has announced it has assurances that enough oil country tubular goods—casing, tubing and drill pipe—will be available during the third quarter of this year to carry out the full domestic and foreign drilling programs necessary to meet all military and essential civilian petroleum requirements. In a supplementary statement this bureau has remarked that, on the basis of estimated petroleum requirements, the drilling of 27,000 wells in the United States has been programmed for 1945, and that completion of this program, required as a matter of military necessity, will call for the drilling of 7,200 wells in the third quarter.

For the fourth successive week the floods in Louisiana, Texas and Arkansas reduced the shipment of petroleum to the East coast by rail in the week ended April 28

Fuel Oil—PAW has announced that next Winter's home-heating oil probably will be of a slightly heavier grade than was available last Winter. This announcement has been made in an appeal to consumers to get their oil burners in peak performance condition during the next few months.

PAW has also announced lifting of a temporary restriction on motor fuel and fuel oil inventories of industrial plants, secondary suppliers and other large-scale consumers on the East coast.

Lubricating Oils—The Reconstruction Finance Corporation has for sale in warehouse in Philadelphia 138,726 gallons of paraffin-base lubricating oil, SAE 50,24.2° Be, 475-535, in 50-gallon and 55-gallon drums; also 78,408 gallons of dark-green cylinder oil, 21.6° Be, 560-620. Particulars can be got from the RFC regional office, 1528 Walnut street, Philadelphia.

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

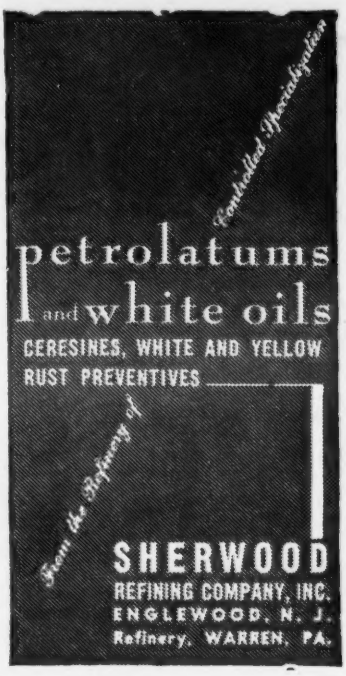
Cities Service Erecting La. Toluene Plant

Cities Service Co. is constructing a $20,000,000 toluene war plant at government request at Lake Charles, La., W. Alten Jones, president, told stockholders at the annual meeting last week. The plant will be capable of producing 2,000,000 gallons of toluene a month, and with little change could turn out a much larger quantity of blending agents for high-octane gasoline. The new project will be built by Cities Service as agent for Defense Plant Corporation and will be operated by Cities Service Refining Corporation.

Fuel Oil Sales Show Sharp Gain

OPD Washington Bureau

Sales of fuel oil as compiled from reports received from dealers established still another record in 1943, according to the Bureau of Mines. Deliveries of fuel oil totaled 690,189,000 barrels in 1943, or 17 percent above 1942 requirements of 592,146,000 barrels. Kerosene sales of 67,815,000 barrels were slightly below the 1942 demand of 68,690,000 barrels. All principal uses of fuel oil showed gains in 1943, except for heating oils, which were lower by 8 percent.



Penn Drake

HEADQUARTERS FOR

SPECIALIZED PETROLEUM PRODUCTS

Are you looking for a dependable supplier who can furnish petroleum products meeting specifications that are more rigid or more exacting than provided by standard commercial refinery practice?

We have done a lot of that work—for example producing in quantities white oils or petrolatums of slightly different properties than ordinary-run. In white oil, it may be an exact viscosity or special pour point; in petrolatum, more tackiness or less tackiness; a special melting point, a special color, or other exact quality.

If regular-run products do not quite give you the results you want, we will be glad to work out a solution for your problem.

PENNSYLVANIA REFINING COMPANY

GENERAL OFFICES · BUTLER, PA.

Makers White Oils (U.S.P. and Technical); Petrolatums (all grades and colors); INSECTISOL (deodorized insecticide base); Deodorized and other Naphthas; Petroleum Sulphonates; Waxes; Industrial and Motor Lubricants and Greases; Fuel Oils, and other petroleum products.

FMC

Memo. to Purchasing:

FIRST MACHINERY A GOOD SOURCE for EQUIPMENT

1—Ferguson Packomatic Automatic Case Gluer and Sealer

2—Ceco Automatic Carton Sealers

1—Standard Knapp (big) Carton Gluer and Sealer

1—Complete Stokes and Smith Bottom Sealer Filler and Top Sealer; complete

Other Packaging Equipment; Redington, Package Machinery, Pneumatic Scale, Others

1—Feinc Vacuum Drum Filter; 3′ x 2′, all steel

3—Drying Tunnels with traveling belts 4′ x 70′ long and 90′ long

2—Buffalo and Devine 6′ Open Pan Dryers

2—Devine Rotary Vac Dryers, 3′ x 25′; 5′ x 30′

1—Buffalo No. 7 C.I. Vacuum Drum Dryer

1—Gehnrich Festoon Type Dryer; 5′6″ x 9′7″ x 20′6″

1—Rotary Jacketed Digester; 6′ x 13′

1—Silex Lined 200 Gal. Pebble Mill, 42″ x 50″

1—Steel Ball Mill; 44″ x 92″; girth gear driven

1—Hardinge Steel Ball Mill, 8′ dia.; new liners

6—Filter Presses; 12″ to 42″, Cast Iron, Alum., Wood

6—Vacuum Pans & Stills up to 3,000 Gal., all metals

6—Copper Percolators, 1,000 gal.; 6 Stainless Clad 750 gal.

10—Steel Soap Kettles or Cookers; 3,000 gal. 5′ x 13′8″

4—Jacketed Cast Iron 1,000 gal. Cookers; 4′6″ x 9′

1—Stainless 3,000 gal. Hor. Tank

2—Mikro No. 2 Pulverizers with 7½ H.P. A.C. Motors

6—Copper Steam Jacketed Kettles, 100 gal. to 700 gal.

3—Single Punch Tablet Machines, "F", "H" and "T" models

5—Kiefer (72) and U.S. (60) Rotary Rinsers

3—Allen Strainers or Extruders 8″ and 10″

1—Detroit Degreaser, Model 2D, 600 complete

4—De Laval No. 84 Oil Purifiers

Send for NEW CATALOG

There are 4000 additional Units Listed as Now Available. Send us Your Inquiry. We can find that RARE machine for you.

FMC Supplies the following NEW EQUIPMENT:

FMC Stainless Kettles, Tanks, Vacuum Pans.
FMC Portable Agitators.
FMC Rotary and Centrifugal Pumps.
FMC Conveyor, FMC Stackers.
FMC Syphon and Vacuum Fillers.
FMC Steel Batch Mixers.
FMC Rugged Hammer Mills.

FIRST MACHINERY CORP.
EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, N. Y. GR. 7-4300

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

AGENCIES WANTED

Wanted—Chemicals for the paint industry. We are desirous of obtaining the agency for several lines of chemicals used by the paint industry. Due to our long and intimate experience with the paint trade, we are in a position to merchandise effectively various chemical products. If you want an efficient coverage through our sales force on an agency basis on the Eastern Seaboard, write: Pioneer Metal Products Company, 565 Housatonic avenue, Bridgeport, Conn.

Brazilian businessman of Rio de Janeiro will arrive during May-June for the purpose of establishing contact with manufacturers of heavy chemicals for export to Brazil. First class sales organization and connections in principal cities of Brazil. Best references obtainable at New York. Any offer please direct to Mr. A. M. D. G., c/o The O'Brien Machinery Company, 113 North 3rd street, Philadelphia 6, Pa.

AGENCIES WANTED

Brazil old established firm of commission agents, working the entire territory of Brazil, is interested in obtaining agencies of manufacturers only (not merchants or exporters) of heavy and fine chemicals. Replies, OPD 851.

EQUIPMENT OFFERED

Change in product has made certain of our equipment surplus. Interested in early disposal of: 1—Kilby slaker, 5 ft. 3 in. x 22 ft. 6 in.; 2—American laundry machines, self-discharging centrifugal suspended type; 2—complete motor generators; 3—150 KVA transformers, 4,160/220. Others. Inspection may be arranged by telephoning Mamaroneck 80, Westchester Chemical Corporation, 326 Waverly avenue, Mamaroneck, N. Y.

EQUIPMENT OFFERED

For Sale—500 gallon Duriron kettle or still, complete with cover and outlets, also bottom and side outlets. Perfect condition. Located in Newark, N. J. Address P. O. Box 535, Newark, N. J.

FACTORIES OFFERED

Corner Factory, 40,000 feet, 3-story and basement, brick, sprinklers, 4,000-pound elevator, high pressure boiler, gas, water and power lines installed. Railroad siding, yard. Jersey City, N. J. The R. L. Kraft Company, Woolworth Bldg., New York. COrtlandt 7-9377.

MATERIALS WANTED

Will purchase your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. OPD 874.

"Consolidated" MACHINERY AND EQUIPMENT

SERVING AMERICAN INDUSTRY FOR OVER A QUARTER-CENTURY

YOUR SURPLUS MACHINERY— IF YOU CAN'T USE IT — TELL US! WE CAN PLACE IT WHERE NEEDED

Special Items from Stock

1—24 TRUCK TUNNEL DRYER.

5—ROTARY DRYERS, 2′ x 24′, 4′ x 30′, 6′ x 40′.

2—32″ x 72″ BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYERS, m. d.

1—Buffalo 32″ x 52″ Atmos. double drum DRYER chrome-plated rolls. complete M. D.

2—70″ x 30″ RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.

1—5′ x 12′ Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.

10—ROTARY VACUUM DRYERS; 3—Buffalo 5′x 20′; 3—Devine 4′x 25′; 1—Devine 4′x30′; 1—Struthers Wells 30″ x 12′

2—ATMOSPHERIC DRUM DRYERS 4′ x 12′.

1—Stokes 5′ x 13′6″ ATMOS. DRUM DRYER.

2—Buflovak 6′ dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.

9—Direct heat ROTARY DRYERS 4′ x 30′, 5′ x 30′. 70″ x 30′, 6 x 60′.

1—7′6″ x 75′ Indirect Heat ROTARY DRYER.

6—PEBBLE MILLS, 1—4′ x 4′ Burrstone Lined; 1—32″ x 42″ Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.

2—CRUSHING ROLLS, 40 x 16″ Colorado Iron Works; two 18″ x 18″, 24″ x 24″, Jeffrey single ROLL CRUSHERS.

5—DRY POWDER MIXERS various sizes. To 3000 lbs.

1—W. & P. MIXER, size 21-X-BB jacketed 625 gal.

6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1, No. 0000.

1—4′x6′ OLIVER CONTINUOUS FILTER; 2—8′ x 8′.

8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.

1—Day No. 30 Imperial Jack. MIXER, 75 gal.

8—RUBBER LINED Rectangular Tanks; 7—500-gal; 1—150 gal

23—CENTRIFUGAL EXTRACTORS, 12″ to 72″ bronze and steel baskets, belt and motor drives.

1—PNEUM. SCALE CARTON PACKING UNIT.

1—Pneumatic Scale Co. Auto. tight WRAPPER.

1—36″ dia. Cast Iron COLUMN, 23″ high.

2—Batteries of two each TYLER HUMMER SCREENS 4′x 5′, single deck, other sizes.

1—Devine duplex VACUUM PUMP 16 x 16 x 12.

3—STOKES steam heated WATER STILLS, 5, 10, 100 gal. per hour.

9—Hardinge BALL MILLS, 4′6″ x 16″, 5′ x 22″, 6′ x 36″; also 6′ x 12′ Rod Mill.

2—8′ x 30″ Hardinge Conical Silex Lined PEBBLE MILLS, also 6′ x 36″.

1—5′ x 13′ PEBBLE or TUBE MILL, with open trunions.

41,000 lbs. 2—4″ mixed STEEL GRINDING BALLS.

1—500 gal. 5′ x 6′ BALL MILL.

1—New 5 HP geared head PORTABLE AGITATOR drip proof motor, stainless steel shaft and 2—14″ stainless propellers

5—ROTARY KILNS, 6′ x 60′, 8′ x 125′, 8′ x 135′.

3—Dracco Perfecto Type AAA DUST COLLECTORS.

3—Abbe Blutergess sifters; 1—No. 2, 1—No. 1 1—OS, m.d.

2—Gen. Ceramic 40″ dia. x 15′ high ABSORPTION TOWERS.

10—Dopp C. I. Jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.

3—ROLLER MILLS, 6′6″ x 14″, 12 x 30, 16 x 40 water cooled.

3—Beach-Russ No. 10 ROTARY VACUUM PUMPS. with V-belt Drive m.d.

1—Pneumatic Scale straight line BOTTLE CLEANER.

4—150 gal. aluminum TANKS, cone bottom.

1—Stokes No. 21 GRANULATING MIXER 50 lb. belt driven.

1—Colton TUBE or JAR FILLER No. O.

2—Jones Automatic CARTONERS.

2—Anderson PACKAGING UNITS.

1—Shriver Iron FILTER PRESS, 42″x 42″, 30 chambers.

3—50 gal. copper steam jacketed VACUUM PANS, complete; other sizes to 750 gal.

1—Size "B" Erie City COAL PULVERIZER with 40 P 3/60/220-440 V. Motor. Rated 2000 lbs. per hour.

9—COPPER & ALUMINUM steam Jack. KETTLES up to 500 gal. some with agitator.

2—150 gal. GLASS LINED jack. agit. KETTLES; 2-200 gal. jack.

1—Riehle friction grease TESTING MACHINE, cap. 10,000 P. S. I.

LIQUIDATION

MACHINERY AND EQUIPMENT of LARGE CHEMICAL PLANT

Located at

ANNISTON, ALABAMA

A FEW ITEMS

Buffalo Double Drum ATMOSPHERIC DRYER, 32″x52″ Chromium plated.

Complete YORK AIR CONDITIONING PLANT, capacity 49 tons refrigeration, to handle 11,000 cu. ft. air per minute.

3—Sets Walker Swenson 3-deck CRYSTALLIZERS.

3—Jeffrey 12 x 24 single deck VIBRATING SCREENS.

1—Battery of two 3 x 5 TYLER HUMMER SCREENS, 3-deck.

2—Fansteel Hydrochloric ACID ABSORPTION SYSTEMS.

1—Sturtevant Balanced ROLL CRUSHER, 30″ x 16″.

1—Sperry 30″x30″ IRON FILTER PRESS.

Miscellaneous; Tanks — Stainless Steel Lined, Rubber Lined, Lead Lined, Acid-proof Brick Lined; Bucket Elevators; Agitators; Pumps; Motors; Crushing Equipment, etc.

Send for Descriptive Circular

1—F. J. STOKES AUGER DRY POWDER FILLER.

1—7-spout piston type FILLER.

2—500 gal. all COPPER, steam jack. agit. KETTLES; 4-300 gal. Copper jacketed.

1—World automatic rotary LABELER m. d

1—U. S. Rotary BOTTLE WASHER m. d

1—Ball & Jewell No. 2 ROTARY CUTTER

1—1000 gal. lead-lined closed TANK, lead coils

1—400 gal. horiz. rubber lined MIXER.

1—All Copper 5′ dia. VACUUM PAN with Condenser and vac. pump.

1—500 gal. jack. agit. AUTOCLAVE, steel, hammer welded construction 200 lb. jack. press. 550 lb. internal press.

1—Buffalo 48 x 40″ VACUUM DRUM DRYER, Vacuum pump, surface condenser, Vacuum receiver etc.

All items motor driven, still set up in operating condition.

2—4-Roll RAYMOND HIGH SIDE MILLS, equipped for vacuum air separation—one with latest "whizzer" separator, with double cone vacuum separator. Each including exhauster, cyclone collector and inter-connecting piping.

1—Komarek-Greaves BRIQUETTE PRESS, with 2—32″ x 24″ face, rolls for egg-shaped briquettes, rated 25 tons per hour.

WANTED— YOUR IDLE MACHINES

There's still a War to be Won. Help production! Send your list NOW.

THE KEY TO SAVING TIME AND MONEY

CONSOLIDATED PRODUCTS COMPANY, INC.

FOR OVER A QUARTER CENTURY A SYMBOL OF CONFIDENCE

WE BUY FROM SINGLE ITEMS TO COMPLETE PLANTS "Every Machine in Your Plant is a Used Machine"

13-18 PARK ROW, NEW YORK 7, N. Y. — TEL. BArclay 7-0600

Shops: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment, N.Y.

MATERIALS WANTED

To Manufacturers and Jobbers—Are you overstocked? We require immediately large or small lots, many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. OPD 875.

POSITIONS VACANT

Varnish Maker or kettle man, formulating experience unnecessary. For outstanding metropolitan New York manufacturer. Needed immediately. Excellent position. Address OPD 863.

Oil Chemist—Experienced in vegetable oil refining, segregation and fractionation. Large Midwestern manufacturer offers permanent connection with excellent post-war prospects. Tell us all about yourself. OPD 873.

POSITIONS VACANT

Executive Position open; opportunity for right man with well-established house to act as manager of insecticide department supplying basic ingredients to manufacturers of household and agricultural insecticides—technical background desired but not essential—experience and knowledge of trade necessary—position means good salary for right man—state all qualifications—send photograph if available—replies all kept confidential—our associates know of this ad. OPD 860.

Retail Paint executive—experienced in controlling and promoting sales and activities of retail paint stores. Fine opportunity for advancement for young, aggressive individual. Write, giving full particulars as to experience, background, education, etc. Write OPD 866.

POSITIONS VACANT

Chemist Wanted—Experienced in manufacture of adhesives; take charge of production; location, Middle West; permanent position. OPD 871.

High Caliber salesman wanted by nationally known manufacturer of household products to cover New York and New England states. Successful applicant will be considered for division sales manager position if successful in demonstrating above average selling ability. Must have proven sales record, under 50 years of age, have at least high school education. New York resident preferred but not required. Give salary requirement, telephone number and other details first letter. OPD 872.

POSITIONS WANTED

Chemist, B.S.—Fifteen years' experience in cosmetics, pharmaceuticals and industrial specialties, wishes responsible, supervisory position in development, control or production, with progressive firm. Present salary $5,000, plus bonus. OPD 864.

Export Executive—Fifteen years' experience sale and credit manager with two leading companies essential oil and drug fields. Traveled throughout Mexico. American citizen, 38, married, reads and writes Spanish and Portuguese. Education includes 95 points completed towards B.S. with Specialization Foreign Trade, N.Y.U. OPD 870.

Consultant Chemist with own laboratory facilities will accept limited number of assignments upon conditional terms; fee only for completed project; sealants, adhesives, coatings, waterproofing, waxes, emulsions, oxychloride cements. OPD 869.

POSITIONS WANTED

Chemist, graduate, many years in lacquer field, analytical, eager to enter development work either same or related line. Prefer metropolitan area New York, Northern New Jersey, Westchester. OPD 865.

Chemical Engineer having comprehensive and well-rounded experience in selling, promotional advertising, plant operations, and laboratory technique, desires position with post-war future. OPD 868.

PROCESSES OFFERED

Pharmaceutical Processes for the manufacture of glycerophosphates, protamin-zinc-insulin, diacetyltannin (tannigen), barbitals and derivatives, cinchophen, saccharin offered by consultant specialist for production licenses on advantageous terms. Also inquiries on other processes of interest invited. OPD 867.

STAINLESS STEEL PUMPS

NEW—With G. E. Explosion Proof Motors

controlled volume, reciprocating type, designed for chemicals, with micro stroke adjustment and liquid seal on packing glands. Capacity 3 GPM against 50 lb. per sq. in. discharge. Equipped with AC Motor, Gear Speed 61, Gear Ration 23.5 to 1, ¾ H.P., 440 volt, 1425 RPM, 3 phase, 50 cycle, 1.3 amp. Temp. rise 55°C., continuous. Manufactured by Milton-Roy Pump Co. of Philadelphia.

NEW STORAGE TANKS

5'4" dia. by 24', mounted on three cradles, capacity 4000 gals. each.

ELECTRIC IMMERSION HEATERS

500 new units, 115 volt, 500 watt, made of Stainless Steel—$15.00 each.

IMMEDIATE DELIVERY ON ALL EQUIPMENT

H. LOEB & SON

4643 LANCASTER AVENUE, PHILADELPHIA 31, PA.

INDUSTRIES WE SERVE

Inks	Soaps
Paints	Drugs
Plastics	Liquors
Cosmetics	Food Products
Chemicals	Process Industries

Representative Equipment

Agitators	Packaging Equipment
Autoclaves	Mixers—all types
Centrifugals	Pulverizers
Crystallizers	Pumps—all types, sizes
Dryers—all types	Roller Mills
Extractors	Screens
Fillers—all types	Tablet Machines
Filter Presses	Tanks—all types, sizes
Kettles—all types, sizes	
Mills—all types	

Send for your copy of Bulletin A-2 describing desirable units available.

MACHINERY & EQUIPMENT CORPORATION (of N.Y.)

533 West Broadway New York 12, N.Y.
GRamercy 5-6680

SPECIALS!

1—Atmospheric Truck Dryer, 33' long, 10'1⅝" wide, 13'6" high, with aero-fin coils, blowers, motors and trucks
1—Stokes 20 Shelf Vacuum Shelf Dryer, complete with condenser and receiver
2—Aero-fin Coil Heaters
2—Clarage No. 9 Motor Driven Fans with Aero-fin coils
45—Drying Rack Trucks, on wheels
1—Paul O. Abbe 3' x 4', motor driven Silex Lined Pebble Mill
3—Copper Varnish Kettles, 100, 175 gals.
2—Lead Mixers, 100, 140 gals.
1—W. & P. 150 gals. Mixer, stainless steel lined
1—Baker Perkins 100 gals. Steam Jacketed Vacuum Mixer, stainless steel
5—Day, Ross Double Arm Mixers, 10 to 100 gals.
1—Day No. 20 Imperial Mixer, double arm
1—Howes 24" x 12' Continuous Powder Mixer
1—Sweetland No. 5 Filter, with 29 Copper leaves
5—Oliver Filters, 3' x 2' to 8' x 10'
6—Shriver Cast Iron Filter Presses, 36", 32", 30", 24"
5—Shriver Wood Filter Press Skeletons, 24" to 42"
1—Sperry 42" Cast Iron Filter Press
1—Vallez No. 59C Rotary Filter, 945 sq. ft.
4—Pebble Mills, 3' x 3', 2' x 3'
2—Abbe Eureka Jar Mills, 15 gals.
2—Hardinge Mills, 2' x 8", 6' x 4'
2—Jeffrey Hammer Mills, 24" x 18", 20" x 12"
1—Raymond No. 0000 Pulverizer, ball bearing, 15 HP motor
3—Day 12" x 32" Roller Mills, belt and motor driven
2—Kent 20" Tandem Stone Mills
2—Kent Lab. 8" Stone Mills
3—Sharples No. 6 Presurtite Centrifuges
2—Sharples, De Laval Clarifiers
2—Tolhurst 40" Suspended Type Centrifugals, with 15 HP AC motors
2—Tolhurst 32", 40" Centrifugals, solid baskets
4—American Tool 40" and 48" Centrifugals
1—4' x 13' Rotary Vacuum Dryer
1—Vulcan 6' x42' Rotary Dryer
3—Buflovak Vacuum Drum Dryers, 24" x 20", 48" x 40", 5' x 6'
4—Louisville Rotary Steam Tube Dryers, 6' x 25' to 6' x 40'
3—Chilling Rolls, 4' x 9', 5' x 7'
1—500 gals. Steel Jacketed Still, with 24" column
3—Copper Vacuum Pans, 50 and 150 gals.
1—Steel Vacuum Pan, 100 gals.
1—7' dia. Tinned Copper Converter
5—Steel Jacketed Kettles, 600 to 1,200 gals., some agitated
2—Swenson Continuous Crystallizers, 24" x 30'
2—Devine 10" x 10" Two Stage Vacuum Pumps
3—Condensers, 50 to 200 sq. ft.

Partial List only. Your inquiries solicited. Send us your lists of surplus equipment.

BRILL

Equipment Co.

225 WEST 34th STREET
NEW YORK 1, N. Y.
BRyant 9-2040

SPECIAL

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

12—New Closed Stainless Steel Tanks, 268 gals. each.
800 ft.—Ball Bearing Roller Conveyor, 12", 15" & 18" wide, approx. 10 ft. lengths.
12—Filter Presses, Iron, Wood and Rubber 18" to 42" sq.
1—500 gal. Pfaudler Glass Lined closed agit. jack. Kettle.
1—Ball & Jewell No. 1½ Rotary Cutter.
1—54"x48" Silex Lined Pebble Mill.
2—No. 0000 and No. 0 Raymond Mills.
2—Bonnet 27" dia. Iron Filter Presses.
6—Autoclaves, 200 to 1,500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1,500 gals.
3—10, 250 & 1,500 gal. lead lined closed kettles.
2—Dopp 50 & 80 gal. Jack. Agit. Kettles.
1—250 gal. Copper Jack. Vac. Still and Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. Steel Copper Lined Vac. Filter Tank.
1—600 gal. Steel Copper Lined Agit. Tank.
6—20, 35, 75 & 250 gal. Closed, Agitated Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
3—Single Punch Preform Tablet Machines, ½" & ⅝".
1—Cherry-Burrel Homogenizer, 300 GPH.
25—Hydr. Presses, Pumps and Accumulators.
1—Houchin 4" Plodder, Motor Driven.
1—Dunning & Boschert 2,000 lb. Double Arm Steel Powder Mixer.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Robinson 20" M.D. Attrition Mill.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Vert. Acid Proof Tanks.
3—Devine Horiz. Vac. Pumps, 8"x6" & 4"x6".
2—Wall Vert. Dry Vac. Pumps, 4"x2½", Motor Driven.
1—Devine No. 37X, Vert. Condenser & Receiver.
1—No. 3, Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—National Acme Model C10, Stainless Steel Centrifuges.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Day & Ross 8 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
1—5 Roll water cooled 16"x40" Steel Roller Mill.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 250 gal.
3—Tolhurst 24", 26" & 40" Centrifugals.
8—Stone Mills, 8" to 32".
3—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel & Wood Tanks, up to 4,000 gal.
1—Schutz-O'Neil 20" Pulverizer.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, Lab. to 10 HP.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY

Department E
426 BROOME ST., NEW YORK 13, N. Y.
CANAL 6-8147

EXTRACTORS

6 — 40" Centrifugal Extractors.

1 — 32" Centrifugal Extractor.

Bronze, Rubber and Lith Coated Baskets

All with Belt Underdrive

EMSCO EQUIPMENT COMPANY

EMIL A. SCHROTH, Owner
43 HYATT AVE., NEWARK 5, N.J.
Phone: Mitchell 2-3536

FREE

These machines and others Immediately Available, hence free to solve your production problems.

500 Gal. closed glass-lined Tanks
36 x 36" Jacketed Filter Press
U S & Kiefer rotary Rinsers
Rotex No. 42 3 Sep Screen 40 x 84"
Copper, Stainless Steel and Cast Iron Kettles from 5-250 gals.
Copper vacuum Pans 35-250 gals.
Alsop 90 gal. glass-lined Agt'd Tanks with Exp. proof Agt.
Jeffrey No. 4 Vibrator
Sperry 30" cast Iron open delivery Filter Press
Shriver 24" 4-eye closed delivery Filter Press

MISCELLANEOUS

PUMPS, HAMMER MILLS, DUST COLLECTORS, CONVEYORS, FILLERS, LABELERS, AGITATORS, etc.

Chemical & Process Machinery Corp.

146-8 Grand Street New York 13, N.Y.
Tel: WOrth 4-8130

UNION

Rebuilt Machinery
Established 1912

IN STOCK . . READY FOR IMMEDIATE DELIVERY!
ALL OFFERINGS SUBJECT PRIOR SALE!
Wire Collect for Prices and Details!

Just secured
KNAPP ADJUSTABLE CAN LABELING MACHINE

2—Mikro Pulverizers equipped with 50 H.P. motors.
2—Karl Kiefer Rotary Viscol type Filling Machines.
1—Abbe 4' diameter Pebble Mill
National Equipment 100-gallon latest style Colony Homogenizer with stainless steel two stage head.
1—Huhn Steam Dryer.
1—Elgin 24 Spout Rotary Vacuum Filling Machine.
1—Colton Ossilating Granulator.
2—Galvanized tilting type Percolators, 200-gallon capacity.
1—World Fully Automatic Labeling Machine.
1—Filler four Plunger Filling Machine.
1—J. H. Day No. 2 Double Arm, heavy duty, motor driven.
1—Ermold and 1 World Semi-Automatic Labeling Machines.
2—Day 3 roll Roller Mills 16" x 40" horizontal type with roller bearings, direct motor drive.
2—Kent 3-roll Roller Mills, 16" x 40" horizontal type motor drive.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS

Union Standard Equipment Co.

318-322 Lafayette Street
New York 12, N. Y.

Realize Large Tax Benefits

LONG ESTABLISHED, REPUTABLE CONCERN WITH SUBSTANTIAL CAPITAL

WILL BUY FOR CASH

Assets, Capital Stock, Family Holdings of

INDUSTRIAL PLANTS, MFG. DIVISIONS, UNITS

We are Principals, and act only in strictest confidence, retaining personnel wherever possible, Address

BOX 1200, 1474 BROADWAY, N.Y.C.

VANILLA BEANS
FOUNDED T & B 1856
For over 75 years the recognized source of supply
THURSTON & BRAIDICH
286 Spring Street, New York 13, N. Y.

GUMS
NATURAL
POWDERED ——— CRYSTALS
KARAYA ARABIC TRAGACANTH LOCUST BEAN
MYRRH SANDARAC OLIBANUM SHIRAZ
WM. M. ALLISON & CO.
162 Water St., N. Y. 7, N. Y. Telephone: WHi 3-7422

• VANILLA BEANS •
OIL ORANGE, C. P. Cal. U.S.P.
HUNZIKERS, Inc., 520-524 W. ERIE ST., CHICAGO 10, ILL.

VANILLA BEANS
ZINK & TRIEST CO.
15 LOMBARD ST. PHILADELPHIA 47, PA.

The CAMAX COMPANY
IMPORTERS OF ALL VARIETIES OF
VANILLA BEANS
Formerly M. Cortizas Company
1316 Arch Street, Philadelphia 7, Pa. » RITtenhouse 1656
JOSEPH R. MAXWELL, President
Formerly Chief Chemist, Stephen F. Whitman & Son, Inc.
CABLE ADDRESS, GALGICA • CODES: BENTLEY'S, 2ND PHASE & PRIVATE

MAX VAN PELS
IMPORT • EXPORT • DOMESTIC
Botanicals • Gums • Chemicals
441 Lexington Ave., New York 17, N. Y.
MUrray Hill 2-0329

LOCUST BEAN GUM
EXCELLENT WHITE QUALITY
Free Samples on Request
SUSAN IMPORT AND EXPORT CO.
199 Godwin Avenue Paterson 1, N. J.
SHERWOOD 2-9714

Botanical Drugs

—Continued from page 64

away seed may now be under salt water, thanks to the "master race."

Spices

Ginger—Bleached Cochin was lower at 21½c. to 22c. per pound; unbleached, down to 21c. to 21½c. Some quarters were also disposed to shade prices on Jamaica and Rhatoon root.

Pepper — It becomes harder and harder for the civilian to get any black pepper at the corner grocery store. Grinders can get little for civilian sales. The army takes substantially of the stockpile pepper. Even the samples in brokers' office became merchantable property under present conditions.

Market at Other Centers

Los Angeles, May 2.—Trading was good in this market the past week, with prices being well maintained. Prices are:—

Marjoram—French type quoted at 35c. per pound in dried form.

Sage—Dalmation type, 65c. per pound for lots containing less than 12 percent stems.

Savory—French type futures quoted at 75c. per pound.

Sweet Basil—Named at 75c. per pound in dried form.

Thyme—French type nominal at 90c. per pound in dried and clean form.

Recent Imports

All matter under this head fully protected by copyright

ACID, CRESYLIC—1,576 dms, United States Commercial Co
ARSENIC, METALLIC—20 dms, Metallic Chemical Co
BABASSU KERNELS—9,165 bgs, 1,191,450 lbs, General Food Corp
2,000 bgs, 260,000 lbs, Spencer Kellogg & Sons
BARBASCO ROOT—1,656 bls, United States Commercial Co
BARK—112 bgs, United States Commercial Co
BAUXITE RESIDUE—600 bgs
BRISTLES—4 cs, Bank of London & South America
7 cs, Philadelphia National Bank
HOG—2 cs, H Rosenhirsch Co
CAFFEINE ANHYDROUS—60 bbls, Lo Curto & Funk
CASEIN—1,955 bgs, 220,462 lbs, Paul & Stein Bros
4,000 bgs, 440,924 lbs, First of Boston International
3,000 bgs, 363,762 lbs, T M Duche & Sons
4,060 bgs, 447,538 lbs, Hercules Powder Co
4,000 bgs, 440,924 lbs, American Cyanamid & Chemical Co
4,000 bgs, 440,924 lbs, Tupman, Thurlow Co
CASHEW KERNELS—300 bgs, General Foods Co
CASTOR BEANS—8,467 bgs, 1,270,050 lbs, Spencer Kellogg & Sons
14,600 bgs, 2,190,000 lbs, Baker Castor Oil Co
CHALK, PRECIPITATED—400 bgs, H J Baker & Bro
CHRYSAROBIN—1 cs, McKesson & Robbins
COALTAR PRODUCTS—100 dms, Dearbourne Chemical Co
COCOA BEANS—600 bgs, 120,000 lbs, Middleton & Co
1,000 bgs, 200,000 lbs, General Cocoa Co
400 bgs, 80,000 lbs, Schwabach & Co
600 bgs, 120,000 lbs, Nieschlag & Co
400 bgs, 80,000 lbs, Wessel, Kulenkampf & Co
300 bgs, 60,000 lbs, W R Grace & Co
8,000 bgs, 1,600,000 lbs, National City Bank
500 bgs, 100,000 lbs, Bank of London & South America
1,500 bgs, 300,000 lbs, Guaranty Trust Co
500 bgs, 100,000 lbs, J Henry Schroeder Banking Corp
100 bgs, 20,000 lbs, Bank of New York
100 bgs, 20,000 lbs, Curacao Trading Co
100 bgs, 20,000 lbs, Corn Exchange Bank & Trust Co
100 bgs, 20,000 lbs, Chase National Bank & Trust Co
500 bgs, 100,000 lbs, W R Grace & Co
100 bgs, 20,000 lbs, Philadelphia National Bank
COLORS, POTTERS—1 ck, B F Drakenfeld & Co
COTTONSEED MEAL—22,046 bgs, 2,204,600 lbs
DYES, ANILIN—6 dms, Ciba Co
GLUESTOCK—384 bls, H Remis & Co
GUM, ARABIC—600 bgs, Innes, Speiden & Co
1,250 bgs, Kachurin Drug Co
850 bgs, National Starch Co
900 bgs, American Cyanamid & Chemical Co
1,000 bgs, Wm M Allison & Co
1,500 bgs, Henry Heide
200 bgs, McKesson & Robbins
500 bgs, E Meer & Co
350 bgs, Orbis Products Co
1,000 bgs, Consumers Importing Co
350 bgs, Frank Vliet Co
250 bgs, Wessel, Duval & Co
500 bgs, R H Elmaleh
500 bgs, Ayrton Chemical Co
250 bgs, Sober Co
3,100 bgs
CHICLE—26 cs, C E Wood, Inc
COPAL—395 bgs, 43,450 lbs, American Cyanamid & Chemical Co
195 bgs, 21,400 lbs, France, Campbell & Darling
1,295 bgs, 142,450 lbs, Gillespie Rogers Pyatt Co
1,600 bgs, 176,000 lbs, U S Industrial Chemical Co
970 bgs, 106,700 lbs, G W S Patterson & Co
635 bgs, 69,850 lbs, W H Scheel
595 bgs, 65,450 lbs, O G Innes Corp
135 bgs, 14,850 lbs, S Winterbourne & Co
LOCUST BEAN—50 bgs, Brown Bros-Harriman Co
MASSARANDUBA—4 cs, Chicle Development Co
PERILLA—3 bls, Chicle Development Co
GYPSUM—20 cks
HAIR, CATTLE TAIL—5 bls, Manufacturers Trust Co
GOAT—148 bls, Arthur Philip & Co
HORSE—30 cs, Philadelphia National Bank
HORSE COMBINGS—20 bls, J Henry Schroeder Banking Corp
HARDENING POWDER—80 dms, R F Downing & Co
MAGNESIA CARBONATE—85 cs, Lo Curto & Funk
MATE HERBS—6 cs, L Pearson
MEDICINAL PREPARATIONS—6 cs, E Fougera & Co
2 cs, D C Andrews & Co
10 cs
MENTHOL—45 cs, C L Huisking & Co
20 cs, Vick Chemical Co
MICA—94 cs, United States Commercial Co
MUSTARD SEED—150 bgs, W R Grace & Co
MUIRAPUAMA ROOT—21 bls, S B Penick & Co
OIL, CODLIVER—403 dms, Arista Oil Co
COTTONSEED—513 dms, United States Commercial Co
GERANIUM—3 dms, Rohner Gehrig & Co
MANDARIN—5 cs, Givaudan Delawanna
OITICICA—80 dms, L N Jackson & Co
255 dms, Brown Linseed Co
66 dms, Pacific Vegetable Oil Co
ORANGE—40 cs, Chase National Bank & Trust Co
500 cs, Norda Essential Oil & Chemical Co
60 cs, Orbis Product Corp
PALM—1,235 tons, Balfour, Guthrie & Co
PATAUA—275 dms, Leghorn Trading Co
SHARK LIVER—4 dms, Continental Commodities Co
PAPRIKA—150 bgs, 21,000 lbs, Knickerbocker Mills Co
RESIN—600 cs, Chicle Development Co
90 cs, Herman Weber & Co
100 cs, Pan American Rotenone Corp
SOAP BARK—100 bgs, S B Penick & Co
100 bgs, R J Prentiss & Co
SODIUM CYANIDE—3,000 dms, E I DuPont de Nemours Co
TAPIOCA FLOUR—1,000 bgs, United States Commercial Co
TARA, POWDERED—78 bgs, Royal Bank of Canada
WHOLE—48 bgs, National City Bank
TARTAR—375 bgs, Tartaric Raw Material, Inc
TONKA BEANS—9 bbls, Kennedy, Butcher & Co
30 cks, Meadows, Wye & Co
50 bbls, Machado & Co
TUCUM KERNELS—2,468 bgs, Durkee Famous Foods
WAX, BEES—250 bgs, Wax & Robin Products
50 bgs, Wm M Allison & Co
CARNAUBA—43 bgs, Lenape Trading Co
85 bgs, S C Johnson & Son
45 bgs, American Cyanamid & Chemical Co
60 bgs, W R Grace & Co
22 bgs, Innis, Speiden & Co
33 bgs, E A Bromund Co
2 bgs, Baird Rubber & Trading Co
67 bgs, Boyle Midway, Inc
35 bgs, Geismar & Co
112 bgs, Strohmeyer & Arpe Co
30 bgs, Dumont Shipping Co
112 bgs, Lenape Trading Co
300 bgs, Wessel, Duval & Co
56 bgs, Wax & Rosin Products
94 bgs, Bunge Corp
530 bgs, Wm M Allison & Co
67 bgs, Wm Diehl & Co
VEGETABLE—5 bgs
WINE LEES—178 bgs, Tartaric Raw Material, Inc

B. Fischer & Co. Names F.G. Harris President

Frederick G. Harris has been appointed president and treasurer of B. Fischer & Co., importer and packer, New York. He succeeds to a vacancy caused by the death of G. E. Diefenthaler.

Monroe Sander Corporation, Long Island City, has received the Army-Navy "E" Production Award.

CLEANING MILLING
GUMS, DRUGS
FOOD PRODUCTS
To
Your Specifications
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK 5, N. J.

CONFIDENTIAL SERVICE
Tel. APplegate 7-0492
GRINDING
MIXING
PROCESSING
Prompt Handling of all orders
HIGHLAND MILLING CO.
3066 Fulton St., Brooklyn, N.Y.

OIL OF PEPPERMINT
OIL OF DILLWEED
OREGON BALSAM OF FIR
CASCARA BARK
WEST COAST BOTANICALS
Your Inquiries Solicited
Western Crude Drug Co.
615 N. W. 15th Avenue,
Portland 9, Oregon

Index to Advertisements

Alabama Charcoal Co..... 38
Allison, Wm. M., & Co..... 70
Amcon Trading Corp..... 50
American Agricultural Chemical Co.. 1
American British Chem. Supplies, Inc. 37
American Can Co..... 15
American Cyanamid & Chemical Corp. 20, 21
American Firstoline Corp..... 72
American Potash & Chemical Corp.. 54
American Zinc Sales Co..... 46
Ansul Chemical Co..... 41
Armour & Chemical Co..... 59
Atlantic Coast Fisheries Co..... 58
Atlas Powder Co..... 54
Automatic Fire Protection Co..... 56

Bakelite Corp..... 32
Baker, J. T., Chemical Co.....1, 52
Barium & Chemicals, Inc..... 38
Barium Reduction Corp..... 37
Barnett Laboratories..... 58
Barrett Division.....42, 49
Bay Chemical Co., Inc..... 36
Benzol Products Co..... 58
Bethlehem Steel Co..... 43
Binney & Smith Co..... 45
Biological Raw Products Co..... 54
Birch-Kline Co., Inc..... 43
Brighton Copper Works..... 47
Brill Equipment Co..... 69
Brode Corp., The..... 50

Calif. Fruit Growers Exchange, Products Dept.....22, 57
Camax Company, Inc..... 70
Carbide & Carbon Chemicals Corp.. 2
Carey, The Philip, Mfg. Co..... 58
Centflor Manufacturing Co..... 66
Ceramic Color & Chemical Mfg. Co.. 41
Chemical & Process Machinery Co.... 69
Chemical Products Corp..... 41
Chemical Sales Corp..... 72
Chemical Service Co..... 51
Chemical Solvents, C. P., Inc..... 72
Chemische Fabrick Schweizerhall.... 55
Church & Dwight Co., Inc..... 37
Coleman & Bell Co..... 54
Colgate-Palmolive-Peet Co..... 56
Colton, Arthur, Co..... 48
Commercial Solvents Corp..... 6
Consolidated Chemical Industries, Inc..... 39
Consolidated Products Co., Inc..... 68
Crosby Naval Stores, Inc..... 51
Croton Chemical Corp..... 39
Darling & Co..... 51
de Botelho, Martin Co..... 55
Demsee Associates..... 41
Dickerson Company..... 49
Diehl, Wm., & Co..... 50
Distillation Products, Inc..... 57
Dow Chemical Co..... 17
Dreyer, P. R., Inc..... 65
Du Pont de Nemours, E. I., & Co., Inc. 24
Durez Plastics & Chemicals, Inc..... 31
Edcan Laboratories..... 54
Emsco Equipment Co..... 69
Faesy & Besthoff, Inc..... 72
Fairmount Chemical Co., Inc..... 66
Felton Chemical Co., Inc..... 66
Ferro Drier & Chemical Co..... 45
Ferro Enamel Corp..... 48
Fezandie & Sperrle 61
Fine Organics, Inc..... 72
First Machinery Corp..... 68
Florasynth Laboratories, Inc..... 65
Franks Chemical Products Co..... 45
Fries & Fries, Inc..... 54
Fritzsche Bros., Inc..... 65
Fulton Bag & Cotton Mills..... 43

Gartenberg, H., & Co., Inc..... 61
General Chemical Co..... 12
General Drug Co..... 23
General Magnesite & Magnesia Co.... 36
General Mills, Inc..... 71
Glickman, Charles S..... 51
Glycerine Producers Association..... 16
Golwynne Chemicals Corp..... 13
Gray, William S., & Co..... 1
Greeff, R. W., & Co.....41, 47
Gross, A., & Co..... 51
Gruman, J. B., Co..... 70

Hardesty, W. C., Co..... 50
Hardesty Chemical Co., Inc..... 48
Heyden Chemical Corp..... 53
Highland Milling Co..... 70
Hopkins, J. L., & Co..... 63
Hunt Chemical Works, Inc..... 39
Hunzikers, Inc..... 70
Hutchinson, D. W., & Co., Inc..... 65

Imperial Paper & Color Corp..... 44
Inland Alkaloid Company..... 59
Innis, Speiden & Co..... 19
Interboro Chemical Co..... 39
International Minerals & Chemical Corp. 41
International Selling Corp..... 39

Kelco Company..... 63
Kentucky Color & Chemical Co., Inc. 48
Keto Chemical Co..... 58
Koppers Company, Inc..... 60
Krumbhaar Chemicals, Inc..... 45

Lamon Chemical Corp..... 58
Lemke, B. L., Co..... 54
Lever Brothers Company..... 56
Loeb, H., & Son..... 69
Lotte Chemical Co., Inc..... 38
Lucidol Corp..... 57
Lueders, George, & Co..... 65

Maas, A. R., Chemical Co..... 38
Machinery & Equipment Corp..... 69
Magnetic Pigment Division Columbian Carbon Co..... 45
Magnus, Mabee & Reynard, Inc.....8, 65
Malmstrom, N. I., & Co..... 18
Mathieson Alkali Works, Inc..... 26
McMurry, Robert N., & Co..... 58
Mefford Chemical Co..... 58
Metalloy Corporation..... 41
Metalsalts Corp..... 59
Michigan Chemical Corp..... 38
Mutual Chemical Co. of America..... 61
National Aniline Div..... 56
National Rosin Oil & Size Co..... 48
Natural Products Refining Co..... 61
Naylee Chemical Co..... 38
Neuberg, William D., Co..... 11
Neville Company..... 44
Newark Steel Drum Co..... 45
Niacet Chemicals Corp..... 41
Niagara Chlorine Products Co..... 61
Nuodex Products Co., Inc..... 60

Orbis Products Corp..... 66
Oronite Chemical Co..... 36

Pacific Coast Borax Co..... 1
Packing Products Co..... 48
Paramet Corporation..... 45
Parsons, M. W..... 47
Peek & Velsor, Inc..... 64
Penick, S. B., & Co..... 62
Pennsylvania Coal Products Co..... 54
Pennsylvania Refining Corp..... 67
Pennsylvania Salt Mfg. Co..... 41
Pfizer, Chas., & Co., Inc..... 35
Pittsberg Chemical Co..... 37
Potash Co. of America..... 49
Prentiss, R. J., & Co., Inc.....55, 64
Prior Chemical Corp..... 1
Procter & Gamble.....50, 54
Purocaine, Inc..... 59

Read, Chas. L., & Co., Inc..... 37
Resinous Products & Chemical Co.... 30
Rosenthal, H. H., Co..... 38
Rufert Chemical Co..... 13
Schimmel & Co., Inc..... 66
Seydel Chemical Co..... 58
Sharples Chemicals, Inc..... 1
Shell Oil Co., Inc..... 67
Sherwood Refining Co., Inc..... 67
Silmo Chemical Corp..... 56
Skelly Oil Co..... 25
Smith Chemical & Color Co., Inc.... 72
Socony-Vacuum Oil Co., Inc..... 47
Solvay Sales Corp..... 27
Standard Alcohol Co..... 48
Standard Specialty & Tube Co..... 55
Standard Ultramarine Co..... 46
Stauffer Chemical Co..... 39
Stein Equipment Co..... 69
Susan Import & Export Co..... 70
Sussex Trading Corp..... 48
Tennessee Products Corp..... 36
Thurston & Braidich..... 70
Titanium Pigment Corp..... 29
Todd, A. M., Co..... 66
Tombarel Products Co..... 66
Turner, Joseph, & Co..... 45
Union Carbide & Carbon Corp.....2, 32
Union Standard Equipment Co..... 69
U. S. Industrial Chemicals, Inc..... 31
United States Potash Co., Inc..... 49
van Ameringen-Haebler, Inc..... 66
Van Pels, Max..... 70
Velsicol Corp..... 33
Victor Chemical Works..... 40
Viking Distributing Co..... 48
Vitamins, Inc..... 56
Vitro Manufacturing Co..... 38
Warwick Chemical Co..... 14
Western Crude Drug Co..... 70
Will & Baumer Candle Co., Inc..... 51
Wilson Carbon Co..... 46
Wilson-Martin Div..... 50
Witco Chemical Company..... 28
Ziegler Pharmacal Co..... 58
Zink & Triest Co..... 70
Zinsser & Co., Inc..... 39

Professional Services

Analysis—Testing—Patents
Formulations—Trademarks

Jerome Alexander
50 East 41st St., New York 17, N. Y.

Assn. of Consulting Chemists & Chem. Engineers, Inc.
50 East 41st St., New York 17, N. Y.

Bureau of Chemistry
2 Broadway, New York 4, N. Y.

Day Chemical Company, Inc.
713-15 S. 14th St., Newark 3, N. J.

Di Cyan & Brown
12 East 41st St., New York 17, N. Y.

The Edwal Laboratories, Inc.
732 Federal St., Chicago 5, Ill.

Dr. J. Ehrlich
153 S. Doheny Dr., Beverly Hills, Calif.

Ellis-Foster Company
4 Cherry St., Montclair, N. J.

Ralph L. Evans Associates
250 East 43rd St., New York 17, N. Y.

Food Research Laboratories, Inc.
48-14 33rd St., Long Island City 1, N.Y.

E. M. Laning Company
433 Stuyvesant Ave., Irvington 11, N. J.

LaWall & Harrison
1921 Walnut St., Philadelphia 3, Pa.

Leberco Laboratories
36 Roosevelt Ave., Bloomfield, N. J.

James C. Munch
306 So. 69th St., Upper Darby, Pa.

Orthmann Laboratories, Inc.
647 W. Virginia St., Milwaukee 4, Wis.

Dr. Walt Phillips
1749 Grand Concourse, N. Y. 53, N. Y.

W. S. Purdy Company, Inc.
128 Water St., New York 5, N. Y.

Schwarz Laboratories, Inc.
202 East 44th St., New York 7, N. Y.

Foster D. Snell, Inc.
303 Washington St., Brooklyn 1, N. Y.

Stillwell & Gladding, Inc.
130 Cedar St., New York 6, N. Y.

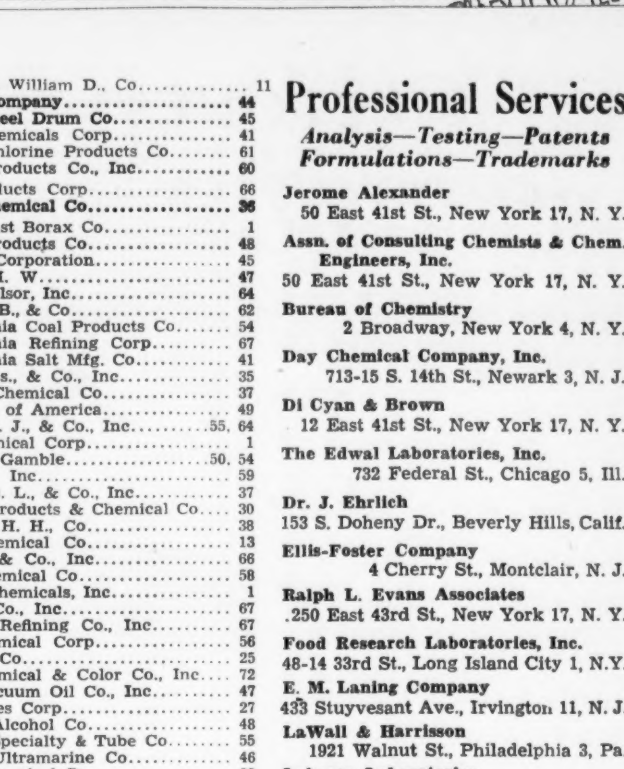
Herbert Waterman
2100 Roselin Pl., Los Angeles 26, Calif.

Wiley & Company, Inc.
Calvert & Read Sts., Baltimore 2, Md.

Joseph A. Wyler
212 N. St. George St., Allentown, Pa.

The label of Vitamin D that is

BIOLOGICALLY STANDARDIZED



Look closely at this label—it belongs to a vitamin D concentrate that is guaranteed to be *biologically standardized* . . . absolutely uniform in potency.

The reason for this is that every lot of Vitamin D (A.R.P.I. Process) is "pedigreed," given a "D" number—a biological assay control number—before it goes into the various steps of production, bio-assay, dilution to required potencies, reassay and shipment to the purchaser. Through all these steps, careful records are kept, insuring an accurate check at all times.

Painstaking controls make it possible to offer you a biologically-standardized, uniform-potency vitamin D concentrate particularly ideal for incorporation in high-quality medicinal products, either fluid, capsulated or tablets; for compounding with other vitamin concentrates or medicines; for use wherever a stable, accurate-potency vitamin D is indicated.

If you are interested in the possibilities of using Vitamin D (A.R.P.I. Process) in your particular product, we invite you to write for more complete information.

FACTS ABOUT VITAMIN D *(A. R. P. I. Process)*

Vitamin D (A.R.P.I. Process) is produced by activation of pure crystalline ergosterol with low velocity electrons. Biologically standardized, it is available in a range of concentrations (U.S.P. units of vitamin D per gm). Requires no special incorporation equipment and does not impart taste or odor to any products fortified by it. *Not under allocation. Readily available!*

General Mills, Inc. *Special Commodities Division*

MINNEAPOLIS 15, MINN., 80 BROAD STREET, NEW YORK 4, N.Y.

KETONES

Acetone - Methyl Acetone - Methyl Ethyl - Methyl Isobutyl

CHEMICAL SOLVENTS

incorporated

60 Park Place Telephones: BArclay 7-8862 MArket 2-3650 Newark 2, N. J.

AN EXPERIENCED ORGANIZATION WITH 25 YEARS' CONTINUOUS SERVICE TO AMERICAN AND FOREIGN BUYERS OF INDUSTRIAL, PHARMACEUTICAL AND AGRICULTURAL CHEMICALS. WE INVITE YOUR INQUIRIES. WRITE OR CABLE.

GENUINE FRENCH PROCESS
AND
AMERICAN PROCESS

ZINC OXIDE

For all Pharmaceutical, Cosmetic and Industrial Purposes.

ZINC CARBONATE - ZINC STEARATE

COPPER SULPHATE - NICKEL SULPHATE

ZINC DUST ALL GRADES • **ALUMINUM** Powder and Paste, All Grades

Industrial Chemicals - Fine Chemicals

AMERICAN FIRSTOLINE CORPORATION

420 Lexington Avenue New York 17, N. Y.

INDUSTRIAL and REAGENT CHEMICALS

COAL TAR PRODUCTS

PHONE GRANT 3750

1900 GRANT BUILDING

CHEMICAL SALES CORPORATION

PITTSBURGH (19,) PENNSYLVANIA

- P-ACETYLAMINOPHENYL SALICYLATE (PHENETSAL)
- ANTIPYRINE SALICYLATE, N.N.R.
- CALCIUM IODOBEHENATE, U.S.P. (Sajodin)
- CAMPHOSULFONIC ACID AND ITS SALTS
- CAMPHORIC ACID, C.P. (Natural and Synthetic)
- ETHYL CHAULMOOGRATE, U.S.P.
- CALCIUM BENZYL PHTHALATE (Pure)
- RESORCIN MONOACETATE, N.N.R.
- ACETYL TANNIC ACID, U.S.P.
- ALBUMIN TANNATE, U.S.P. (Tannalbin)
- HELMITOL

- WRITE FOR OUR COMPREHENSIVE LIST OF ORGANIC CHEMICALS of which we are PRIMARY MANUFACTURERS

FINE ORGANICS, Inc.

MAKERS OF FINE CHEMICALS

Executive Offices:

211 E. 19th STREET, NEW YORK 3, N. Y.

GRamercy 5-1030

Effectively Serving the Industries
For Over a Quarter Century

DEPENDABLE "Smithko" Products

Asbestos	Drop Black	Mica
Barytes	Gilsonite	Pumice Stone
Blanc Fixe	Iron Oxides	Silica
Calcium Carbonate	Lamp Black	Stearates
Chrome Oxides	Magnesium Oxide	Talcs
Clays	Manganese Oxide	Tall Oil

• • • • •

Fabricators of Mineral Colors

Representing Manufacturers of National Reputation

Available Technical Data Upon Request

SMITH CHEMICAL & COLOR CO.

INCORPORATED 1919

55 John Street Brooklyn 1, New York